

Chemicals, Allied Products, and Petroleum and Petroleum Products: 2002

Issued November 2004

EC02-42I-14

2002 Economic Census

Wholesale Trade

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the nation's economy. It provides essential information for government, business, industry, and the general public. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in "2" and "7."

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product estimates, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions. Specific uses of economic census data include the following:

- Policymaking agencies of the federal government use the data to monitor economic activity and to assess the effectiveness of policies.
- State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.
- Trade associations study trends in their own and competing industries, which allows them to keep their members informed of market changes.
- Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

INDUSTRY CLASSIFICATIONS

Data from the 2002 Economic Census are published primarily according to the 2002 North American Industry Classification System (NAICS). NAICS was first adopted in the United States, Canada, and Mexico in 1997. The 2002 Economic Census covers the following NAICS sectors:

21	Mining
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), largely covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 100 subsectors (three-digit codes), 317 industry groups (four-digit codes), and, as implemented in the United States, 1,179 industries (six-digit codes).

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

Prior to the 1997 Economic Census, data were published according to the Standard Industrial Classification (SIC) system. While many of the individual NAICS industries correspond directly to industries as defined under the SIC system, most of the higher level groupings do not. Particular care should be taken in comparing data for retail trade, wholesale trade, and manufacturing, which are sector titles used in both NAICS and SIC, but cover somewhat different groups of industries. The 1997 Economic Census *Bridge Between NAICS and SIC* demonstrates the relationships between NAICS and SIC industries. Where changes are significant, it may not be possible to construct time series that include data for points both before and after 1997.

Most industry classifications remained unchanged between 1997 and 2002, but NAICS 2002 includes substantial revisions within the construction and wholesale trade sectors, and a number of revisions for the retail trade and information sectors. These changes are noted in industry definitions and will be demonstrated in the *Bridge Between NAICS 2002 and NAICS 1997*.

For 2002, data for enterprise support establishments (those functioning primarily to support the activities of their company's operating establishments, such as a warehouse or a research and development laboratory) are included in the industry that reflects their activities (such as warehousing). For 1997, such establishments were termed auxiliaries and were excluded from industry totals.

BASIS OF REPORTING

The economic census is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each store, factory, shop, or other location. Each establishment is assigned a separate industry classification based on its primary activity and not that of its parent company. (For selected industries, only payroll, employment, and classification are collected for individual establishments, while other data are collected on a consolidated basis.)

GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for states, metropolitan and micropolitan statistical areas, counties, and corporate municipalities (places) including cities, towns, townships, villages, and boroughs. Respondents were required to report their physical location (street address, municipality, county, and state) if it differed from their mailing address. For establishments not surveyed by mail (and those single-establishment companies that did not provide acceptable information on physical location), location information from administrative sources is used as a basis for coding.

AVAILABILITY OF ADDITIONAL DATA

All results of the 2002 Economic Census are available on the Census Bureau Internet site (www.census.gov) and on digital versatile discs (DVD-ROMs) for sale by the Census Bureau. The American FactFinder system at the Internet site allows selective retrieval and downloading of the data. For more information, including a description of reports being issued, see the Internet site, write to the U.S. Census Bureau, Washington, DC 20233-6100, or call Customer Services at 301-763-4100.

HISTORICAL INFORMATION

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1954, 1958, and 1963. Prior to that time, individual components of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart

from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some service trades in 1933. Censuses of construction, manufacturing, and the other business censuses were suspended during World War II.

The 1954 Economic Census was the first census to be fully integrated, providing comparable census data across economic sectors and using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census report forms.

The range of industries covered in the economic census expanded between 1967 and 2002. The census of construction industries began on a regular basis in 1967, and the scope of service industries, introduced in 1933, was broadened in 1967, 1977, and 1987. While a few transportation industries were covered as early as 1963, it was not until 1992 that the census broadened to include all of transportation, communications, and utilities. Also new for 1992 was coverage of financial, insurance, and real estate industries. With these additions, the economic census and the separate census of governments and census of agriculture collectively covered roughly 98 percent of all economic activity. New for 2002 is coverage of four industries classified in the agriculture, forestry, and fishing sector under the SIC system: landscape architectural services, landscaping services, veterinary services, and pet care services.

Printed statistical reports from the 1992 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. Reports for 1997 were published primarily on the Internet and copies of 1992 reports are also available there. CD-ROMs issued from the 1987, 1992, and 1997 Economic Censuses contain databases that include all or nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for the 2002 Economic Census and related surveys is published in the *Guide to the 2002 Economic Census* at www.census.gov/econ/census02/guide. More information on the methodology, procedures, and history of the census will be published in the *History of the 2002 Economic Census* at www.census.gov/econ/www/history.html.

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Wholesale Trade

SCOPE

The Wholesale Trade sector (sector 42) comprises establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise.

The wholesaling process is an intermediate step in the distribution of merchandise. Wholesalers are organized to sell or arrange the purchase or sale of —

1. goods for resale (i.e., goods sold to other wholesalers or retailers),
2. capital or durable nonconsumer goods, or
3. raw and intermediate materials and supplies used in production.

Wholesalers sell merchandise to other businesses and normally operate from a warehouse or office. These warehouses and offices are characterized by having little or no display of merchandise. In addition, neither the design nor the location of the premises is intended to solicit walk-in traffic. Wholesalers do not normally use advertising directed to the general public. Customers are generally reached initially via telephone, in-person marketing, or by specialized advertising that may include Internet or other electronic means. Follow-up orders are either vendor-initiated or client-initiated, generally based on previous sales, and typically exhibit strong ties between sellers and buyers. In fact, transactions are often conducted between wholesalers and clients that have long-standing business relationships.

This sector comprises two main types of wholesalers: merchant wholesalers that sell goods on their own account and business to business electronic markets, and agents and brokers that arrange sales and purchases for others generally for a commission or fee.

1. Establishments that sell goods on their own account are known as wholesale merchants, distributors, jobbers, drop shippers, and import/export merchants. Also included as wholesale merchants are sales offices and sales branches (but not retail stores) maintained by manufacturing, refining, or mining enterprises apart from their plants or mines for the purpose of marketing their products. Merchant wholesale establishments typically maintain their own warehouse, where they receive and handle goods for their customers. Goods are generally sold without transformation, but may include integral functions, such as sorting, packaging, labeling, and other marketing services.
2. Establishments arranging for the purchase or sale of goods owned by others or purchasing goods, generally on a commission basis, are known as business to business electronic markets, agents and brokers, commission merchants, import/export agents and brokers, auction companies, and manufacturers' representatives. These establishments operate from offices and generally do not own or handle the goods they sell.

Some wholesale establishments may be connected with a single manufacturer and promote and sell the particular manufacturer's products to a wide range of other wholesalers or retailers. Other wholesalers may be connected to a retail chain, or a limited number of retail chains, and provide a variety of products needed by the retail operation(s). These wholesalers may obtain the products from a wide range of manufacturers. Still other wholesalers may not take title to the goods, but act as agents and brokers for a commission.

Although wholesaling normally denotes sales in large volumes, durable nonconsumer goods may be sold in single units. Sales of capital or durable nonconsumer goods used in the production of goods and services, such as farm machinery, medium and heavy duty trucks, and industrial machinery, are always included in wholesale trade.

Exclusions. Excluded from this sector are governmental organizations classified in the covered industries except for liquor wholesalers operated by state and local governments.

The tabulations for this sector do not include central administrative offices or other establishments that serve wholesale establishments within the same organization. Data for such establishments are classified according to the nature of the service they provide. For example, separate headquarters establishments are reported in NAICS sector 55, Management of Companies and Enterprises.

The reports described below exclude establishments of firms with no paid employees. These “nonemployers,” typically self-employed individuals or partnerships operating businesses that they have not chosen to incorporate, are reported separately in Nonemployer Statistics. The contribution of nonemployers may be examined at www.census.gov/nonemployerimpact.

Definitions. Industry categories are defined in Appendix B, NAICS Codes, Titles, and Descriptions. Other terms are defined in Appendix A, Explanation of Terms.

REPORTS

The following reports provide statistics on this sector.

Industry Series. There are 19 reports, each covering a group of related industries. The reports present, by kind of business for the United States, general statistics for establishments of firms with payroll on number of establishments, sales, payroll, and employment; comparative statistics for 2002 and 1997; product lines; and concentration of business activity in the largest firms. The data in industry reports are preliminary and subject to change in the following reports.

Geographic Area Series. There is a separate report for each state, the District of Columbia, and the United States. Each state report presents, for establishments of firms with payroll, general statistics on number of establishments, sales, payroll, employment, operating expenses, and inventory by kind of business for the state, metropolitan and micropolitan statistical areas, counties, and places with 2,500 inhabitants or more. Greater kind-of-business detail is shown for larger areas. The United States report presents data for the United States as a whole for detailed kind-of-business classifications.

Subject Series:

- **Product Lines.** This report presents sources of sales data for establishments of firms with payroll by kind of business. Data are presented for the United States and states.
- **Establishment and Firm Size (Including Legal Form of Organization).** This report presents sales, payroll, and employment data for the United States by sales size, by employment size, and by legal form of organization for establishments of firms with payroll; and by sales size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits) for firms with payroll.
- **Miscellaneous Subjects.** This report presents data for a variety of industry-specific questions for establishments of firms with payroll. Presentation of data varies by kind of business.

Other reports. Data for this sector are also included in reports with multisector coverage, including *Nonemployer Statistics*, *Comparative Statistics*, *Bridge Between 2002 NAICS and 1997 NAICS*, *Business Expenses*, and the Survey of Business Owners reports.

GEOGRAPHIC AREAS COVERED

The level of geographic detail varies by report. Maps are available at www.census.gov/econ2002maps. Notes specific to areas in the state are included in Appendix D, Geographic Notes. Data may be presented for —

1. The United States as a whole.
2. States and the District of Columbia.

-
3. Metropolitan and micropolitan statistical areas. A core based statistical area (CBSA) contains a core area with a substantial population nucleus, together with adjacent communities having a high degree of social and economic integration with that core. CBSAs are differentiated into metropolitan and micropolitan statistical areas based on size criteria. Both metropolitan and micropolitan statistical areas are defined in terms of entire counties, and are listed in Appendix E, Metropolitan and Micropolitan Statistical Areas.
 - a. Metropolitan Statistical Areas (metro areas). Metro areas have at least one urbanized area of 50,000 or more population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
 - b. Micropolitan Statistical Areas (micro areas). Micro areas have at least one urban cluster of at least 10,000 but less than 50,000 population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
 - c. Metropolitan Divisions (metro divisions). If specified criteria are met, a metro area containing a single core with a population of 2.5 million or more may be subdivided to form smaller groupings of counties referred to as Metropolitan Divisions.
 - d. Combined Statistical Areas (combined areas). If specified criteria are met, adjacent metro and micro areas, in various combinations, may become the components of a new set of areas called Combined Statistical Areas. The areas that combine retain their own designations as metro or micro areas within the larger combined area.
 4. Counties and county equivalents defined as of January 1, 2002. Counties are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs, census areas, and city and boroughs. Maryland, Missouri, Nevada, and Virginia have one place or more that is independent of any county organization and constitutes primary divisions of their states. These places are treated as counties and as places.
 5. Economic places.
 - a. Municipalities of 2,500 inhabitants or more defined as of January 1, 2002. These are areas of significant population incorporated as cities, boroughs, villages, or towns according to the 2000 Census of Population. For the economic census, boroughs, census areas, and city and boroughs in Alaska and boroughs in New York are not included in this category.
 - b. Consolidated cities defined as of January 1, 2002. Consolidated cities are consolidated governments that consist of separately incorporated municipalities.
 - c. Townships in Michigan, New Jersey, and Pennsylvania, and towns in New York, Wisconsin, and the six New England states with 10,000 inhabitants or more (according to the 2000 Census of Population).
 - d. Balance of county. Areas outside the entities listed above, including incorporated municipalities with populations of fewer than 2,500, towns and townships not qualifying as noted above, and the remainders of counties outside places are categorized as "Balance of county".

DOLLAR VALUES

All dollar values presented are expressed in current dollars; i.e., 2002 data are expressed in 2002 dollars, and 1997 data, in 1997 dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

Both the 2002 Economic Census and the 1997 Economic Census present data based on the North American Industry Classification System (NAICS). Under the 1997 NAICS, Wholesale Trade was comprised of two subsectors: 421, Wholesale Trade, Durable Goods, and 422, Wholesale Trade,

Nondurable Goods. In addition, the U.S. Census Bureau presented data in the Wholesale Trade sector by three type-of-operation categories: 1) Merchant wholesalers, 2) Manufacturers' sales branches and offices, and 3) Agents, brokers, and commission merchants.

Under the 2002 NAICS, to recognize production differences in some types of operation, the Wholesale Trade sector was reorganized into three subsectors: 423, Merchant Wholesalers, Durable Goods; 424, Merchant Wholesalers, Nondurable Goods; and 425, Wholesale Electronic Markets and Agents and Brokers. The 2002 NAICS industry definitions for Merchant Wholesalers in subsectors 423 and 424 include type-of-operation categories for manufacturers' sales branches and offices, as well as the 1997 Census Bureau defined merchant wholesalers. Agents and brokers are defined as a separate NAICS industry in subsector 425 and are no longer included in the type-of-operation structure. For 2002, data are presented by two type-of-operation categories: 1) Merchant wholesalers, except manufacturers' sales branches and offices, and 2) Manufacturers' sales branches and offices. For more details, see Types of Operation in Appendix A.

RELIABILITY OF DATA

All data compiled for this sector are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, processing, and estimation for missing or misreported data. Data presented in the Miscellaneous Subjects and Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data, as by the percentages shown in the tables. Precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors. More information on the reliability of the data is included in Appendix C, Methodology.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

The County Business Patterns program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county, and Statistics of U.S. Businesses provides annual statistics classified by the employment size of the enterprise, further classified by industry for the United States, and by broader categories for states and metropolitan areas.

CONTACTS FOR DATA USERS

Questions about these data may be directed to the U.S. Census Bureau, Services Sector Statistics Division, Wholesale Census Branch, 1-800-541-8345 or wcb@census.gov.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

D	Withheld to avoid disclosing data of individual companies; data are included in higher level totals
N	Not available or not comparable
S	Withheld because estimates did not meet publication standards
X	Not applicable
Z	Less than half the unit shown
a	0 to 19 employees
b	20 to 99 employees
c	100 to 249 employees
e	250 to 499 employees
f	500 to 999 employees
g	1,000 to 2,499 employees
h	2,500 to 4,999 employees
i	5,000 to 9,999 employees
j	10,000 to 24,999 employees
k	25,000 to 49,999 employees
l	50,000 to 99,999 employees
m	100,000 employees or more
r	Revised
—	Represents zero (page image/print only)
(CC)	Consolidated city
(IC)	Independent city

Table 1. Summary Statistics for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	Type of operation and kind of business¹	Estab- lishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of sales—	
							From admini- strative records²	Estimated³
	WHOLESALE TRADE							
4246	Chemical and allied products merchant wholesalers	14 550	115 886 220	7 472 875	1 844 530	144 391	3.2	7.6
42461	Plastics materials and basic forms and shapes merchant wholesalers	3 433	27 821 516	1 642 864	393 256	35 904	4.4	8.1
424610	Plastics materials and basic forms and shapes merchant wholesalers	3 433	27 821 516	1 642 864	393 256	35 904	4.4	8.1
42469	Other chemical and allied products merchant wholesalers ...	11 117	88 064 704	5 830 011	1 451 274	108 487	2.8	7.4
424690	Other chemical and allied products merchant wholesalers .	11 117	88 064 704	5 830 011	1 451 274	108 487	2.8	7.4
4247	Petroleum and petroleum products merchant wholesalers	7 961	326 016 021	4 438 325	1 128 968	107 026	1.9	7.0
42471	Petroleum bulk stations and terminals	4 776	201 835 974	2 956 900	729 449	72 919	2.1	6.4
424710	Petroleum bulk stations and terminals	4 776	201 835 974	2 956 900	729 449	72 919	2.1	6.4
42472	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 185	124 180 047	1 481 425	399 519	34 107	1.5	8.1
424720	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 185	124 180 047	1 481 425	399 519	34 107	1.5	8.1
	MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES							
4246	Chemical and allied products merchant wholesalers	13 119	67 283 469	5 457 131	1 302 867	113 473	5.5	9.4
42461	Plastics materials and basic forms and shapes merchant wholesalers	3 241	15 883 080	1 346 008	317 294	30 393	7.7	9.4
424610	Plastics materials and basic forms and shapes merchant wholesalers	3 241	15 883 080	1 346 008	317 294	30 393	7.7	9.4
42469	Other chemical and allied products merchant wholesalers ...	9 878	51 400 389	4 111 123	985 573	83 080	4.8	9.4
424690	Other chemical and allied products merchant wholesalers .	9 878	51 400 389	4 111 123	985 573	83 080	4.8	9.4
4247	Petroleum and petroleum products merchant wholesalers	6 955	208 201 992	3 621 274	918 992	93 287	2.9	7.1
42471	Petroleum bulk stations and terminals	3 954	99 260 996	2 266 452	556 545	61 210	4.3	6.2
424710	Petroleum bulk stations and terminals	3 954	99 260 996	2 266 452	556 545	61 210	4.3	6.2
42472	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 001	108 940 996	1 354 822	362 447	32 077	1.7	8.0
424720	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 001	108 940 996	1 354 822	362 447	32 077	1.7	8.0
	MANUFACTURERS' SALES BRANCHES AND OFFICES							
4246	Chemical and allied products merchant wholesalers	1 431	48 602 751	2 015 744	541 663	30 918	—	5.1
42461	Plastics materials and basic forms and shapes merchant wholesalers	192	11 938 436	296 856	75 962	5 511	—	6.3
424610	Plastics materials and basic forms and shapes merchant wholesalers	192	11 938 436	296 856	75 962	5 511	—	6.3
42469	Other chemical and allied products merchant wholesalers ...	1 239	36 664 315	1 718 888	465 701	25 407	—	4.7
424690	Other chemical and allied products merchant wholesalers .	1 239	36 664 315	1 718 888	465 701	25 407	—	4.7
4247	Petroleum and petroleum products merchant wholesalers	1 006	117 814 029	817 051	209 976	13 739	—	6.8
42471	Petroleum bulk stations and terminals	822	102 574 978	690 448	172 904	11 709	—	6.6
424710	Petroleum bulk stations and terminals	822	102 574 978	690 448	172 904	11 709	—	6.6
42472	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	184	15 239 051	126 603	37 072	2 030	—	8.6
424720	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	184	15 239 051	126 603	37 072	2 030	—	8.6

¹For the 2002 Economic Census, the definition of Merchant Wholesalers and the kind-of-business and type-of-operation structures for the Wholesale Trade sector changed to reflect revisions to the 1997 North American Industry Classification System (NAICS). For more details, see Comparability of the 1997 and 2002 Economic Censuses.

²Includes sales information obtained from administrative records of other federal agencies.

³Includes sales information that was imputed based on historic data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 2. Comparative Statistics for the United States (1997 NAICS Basis): 2002 and 1997

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 and 1997 Economic Censuses. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

1997 NAICS code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
WHOLESALE TRADE					
4226	Chemical and allied products wholesalers 2002..	15 438	121 322 901	7 610 654	146 913
	..... 1997..	15 920	128 923 496	7 241 315	165 768
42261	Plastics materials and basic forms and shapes wholesalers 2002..	3 890	30 371 064	1 709 885	37 170
	..... 1997..	4 349	35 193 271	1 743 650	43 680
422610	Plastics materials and basic forms and shapes wholesalers 2002..	3 890	30 371 064	1 709 885	37 170
	..... 1997..	4 349	35 193 271	1 743 650	43 680
42269	Other chemical and allied products wholesalers 2002..	11 548	90 951 837	5 900 769	109 743
	..... 1997..	11 571	93 730 225	5 497 665	122 088
422690	Other chemical and allied products wholesalers 2002..	11 548	90 951 837	5 900 769	109 743
	..... 1997..	11 571	93 730 225	5 497 665	122 088
4227	Petroleum and petroleum products wholesalers 2002..	8 114	333 191 652	4 504 313	108 258
	..... 1997..	11 297	267 623 942	4 479 853	137 829
42271	Petroleum bulk stations and terminals 2002..	4 800	202 069 151	2 967 520	73 388
	..... 1997..	7 690	176 719 246	3 165 900	102 489
422710	Petroleum bulk stations and terminals 2002..	4 800	202 069 151	2 967 520	73 388
	..... 1997..	7 690	176 719 246	3 165 900	102 489
42272	Petroleum and petroleum products wholesalers (except bulk stations and terminals) 2002..	3 314	131 122 501	1 536 793	34 870
	..... 1997..	3 607	90 904 696	1 313 953	35 340
422720	Petroleum and petroleum products wholesalers (except bulk stations and terminals) 2002..	3 314	131 122 501	1 536 793	34 870
	..... 1997..	3 607	90 904 696	1 313 953	35 340
MERCHANT WHOLESALERS					
4226	Chemical and allied products wholesalers 2002..	13 119	67 283 469	5 457 131	113 473
	..... 1997..	12 249	56 048 362	4 650 638	115 969
42261	Plastics materials and basic forms and shapes wholesalers 2002..	3 241	15 883 080	1 346 008	30 393
	..... 1997..	3 357	16 733 225	1 295 883	34 844
422610	Plastics materials and basic forms and shapes wholesalers 2002..	3 241	15 883 080	1 346 008	30 393
	..... 1997..	3 357	16 733 225	1 295 883	34 844
42269	Other chemical and allied products wholesalers 2002..	9 878	51 400 389	4 111 123	83 080
	..... 1997..	8 892	39 315 137	3 354 755	81 125
422690	Other chemical and allied products wholesalers 2002..	9 878	51 400 389	4 111 123	83 080
	..... 1997..	8 892	39 315 137	3 354 755	81 125
4227	Petroleum and petroleum products wholesalers 2002..	6 955	208 201 992	3 621 274	93 287
	..... 1997..	9 770	139 507 960	3 390 142	114 863
42271	Petroleum bulk stations and terminals 2002..	3 954	99 260 996	2 266 452	61 210
	..... 1997..	6 729	92 443 546	2 497 922	87 532
422710	Petroleum bulk stations and terminals 2002..	3 954	99 260 996	2 266 452	61 210
	..... 1997..	6 729	92 443 546	2 497 922	87 532
42272	Petroleum and petroleum products wholesalers (except bulk stations and terminals) 2002..	3 001	108 940 996	1 354 822	32 077
	..... 1997..	3 041	47 064 414	892 220	27 331
422720	Petroleum and petroleum products wholesalers (except bulk stations and terminals) 2002..	3 001	108 940 996	1 354 822	32 077
	..... 1997..	3 041	47 064 414	892 220	27 331

Note: The data in this table are based on the 2002 and 1997 Economic Censuses. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 3. Product Lines by Kind of Business for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4246		WHOLESALE TRADE						
		Chemical and allied products merchant wholesalers.....	14 550	X	115 886 220	X	100.0	63.2
	10100	New and used automobiles, motorcycles, and trailers	7	18 817	5 524	29.4	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	56	5 357 584	124 633	2.3	.1	X
	10500	Household china, glassware, crockery, and plastic housewares, excluding paper dishes, cups, napkins, and plastic utensils	6	11 342	1 293	11.4	Z	X
	10520	Linens, domestics, curtains, and draperies	8	187 168	53 707	28.7	Z	X
	10530	Flooring and floor coverings.....	9	103 279	11 459	11.1	Z	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	20	125 614	14 681	11.7	Z	X
	10600	Rough, dressed, and finished dimensional lumber	16	83 702	8 440	10.1	Z	48.2
	10613	Boards	11	75 287	7 367	9.8	Z	X
	10620	Plywood and millwork	70	5 683 115	609 125	10.7	.5	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	26	84 790	9 984	11.8	Z	48.0
	10712	Cement and lime	6	10 684	100	.9	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	16	64 918	8 428	13.0	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	27	86 631	16 880	19.5	Z	X
	10730	Flat glass and other construction glass	6	32 084	3 971	12.4	Z	X
	10740	Other construction products and materials	40	180 046	21 304	11.8	Z	X
	10900	Office equipment, excluding computers	10	18 750	2 598	13.9	Z	X
	10960	Restaurant and hotel equipment and supplies	25	30 059	3 418	11.4	Z	X
	11000	Medical, hospital, and surgical supplies	168	1 168 922	55 986	4.8	Z	X
	11020	Dental equipment, instruments, and supplies	7	19 603	476	2.4	Z	X
	11030	Optical and ophthalmic goods and supplies	7	524 302	7 088	1.4	Z	X
	11050	Miscellaneous professional equipment and supplies.....	11	14 144	1 951	13.8	Z	63.2
	11054	Laboratory equipment and supplies	6	10 532	1 390	13.2	Z	X
	11056	Veterinarians' equipment and supplies	6	3 612	502	13.9	Z	X
	11100	Semi-finished iron and steel products	10	999 723	142 932	14.3	.1	X
	11120	Flat iron and steel products	109	6 460 884	1 631 197	25.2	1.4	X
	11140	Iron and steel wire and wire products	87	603 518	37 464	6.2	Z	X
	11150	Iron and steel pipes and tubing	124	920 771	52 782	5.7	Z	X
	11160	Other iron and steel products	19	56 759	2 509	4.4	Z	X
	11170	Alloy steel	16	462 119	71 142	15.4	.1	27.8
	11173	Pipes, tubing, and plates	11	244 599	57 973	23.7	.1	X
	11180	Stainless steel	15	56 785	1 864	3.3	Z	62.5
	11185	Other stainless steel, including tubing	8	46 262	967	2.1	Z	X
	11200	Copper and brass	128	1 045 823	52 815	5.1	Z	X
	11220	Aluminum shapes and forms, including pipes and tubing.....	135	738 533	45 966	6.2	Z	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	13	198 726	26 128	13.1	Z	X
	11400	Electrical apparatus and equipment	95	7 234 959	645 954	8.9	.6	X
	11600	Electronic parts and equipment, excluding communications equipment ..	225	8 966 470	744 351	8.3	.6	X
	11650	Communications equipment and supplies.....	12	591 604	16 394	2.8	Z	X
	11700	Hardware.....	449	2 359 517	135 916	5.8	.1	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	145	786 307	102 797	13.1	.1	26.2
	11811	Plastic pipe fittings and valves, excluding pipes and tubing.....	72	483 695	31 118	6.4	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	87	395 384	26 711	6.8	Z	X
	11813	Plumbing fixtures	31	167 892	4 019	2.4	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric ..	24	114 827	4 624	4.0	Z	X
	11815	Boilers, radiators, and convectors	7	6 451	585	9.1	Z	X
	11818	Other plumbing and heating equipment and supplies	44	275 186	35 740	13.0	Z	X
	11900	Forced air heating and air-conditioning equipment and supplies	18	46 399	6 682	14.4	Z	39.4
	11911	Forced air furnaces	6	21 119	1 151	5.5	Z	X
	11912	Central air-conditioners	6	21 119	1 151	5.5	Z	X
	11914	Heat pumps	11	38 596	3 538	9.2	Z	X
	11916	Air cleaning and filtration systems	7	7 803	488	6.3	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	9	8 117	1 981	24.4	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	15	35 993	1 781	4.9	Z	X
	12200	Farm machinery, equipment, and parts	28	54 887	2 293	4.2	Z	X
	12220	Lawn and garden machinery, equipment, and parts	11	36 025	2 148	6.0	Z	X
	12230	Food-processing machinery, equipment, and parts	12	79 688	15 520	19.5	Z	63.2
	12232	New packing, packaging, and bottling equipment	7	70 342	11 858	16.9	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	18	34 911	1 781	5.1	Z	53.4
	12311	Pumps	7	20 338	565	2.8	Z	X
	12313	Pump and motor parts	13	17 008	1 088	6.4	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	682	8 515 036	1 101 500	12.9	1.0	X
	12330	Metalworking machinery, equipment, and parts	45	91 129	11 230	12.3	Z	X
	12340	Materials handling machinery, equipment, and parts	24	41 711	3 616	8.7	Z	38.1
	12341	New conveying equipment	11	28 079	811	2.9	Z	X
	12342	New hoists and cranes	14	35 492	1 136	3.2	Z	X
	12343	New forklifts	11	18 214	608	3.3	Z	X
	12345	Used materials handling machinery, equipment, and parts	14	12 444	667	5.4	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies ...	6	8 575	1 293	15.1	Z	X
	12360	Other industrial machinery, equipment, and parts	100	1 049 408	244 054	23.3	.2	X
	12370	Mechanical power transmission supplies	9	15 249	1 939	12.7	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	47	334 215	84 900	25.4	.1	X
	12390	Hydraulic and pneumatic valves	16	50 761	3 516	6.9	Z	63.2
	12391	Hydraulic valves	9	40 619	2 763	6.8	Z	X
	12392	Pneumatic valves.....	7	10 142	753	7.4	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	18	35 522	3 710	10.4	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	7	7 271	806	11.1	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4246		WHOLESALE TRADE—Con.						
		Chemical and allied products merchant wholesalers—Con.						
	12430	Other hydraulic and pneumatic accessories and parts	10	29 790	5 253	17.6	Z	X
	12440	Welding supplies, excluding gases	1 004	2 499 623	684 089	27.4	.6	X
	12450	Industrial containers and supplies	369	1 287 155	53 681	4.2	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	415	2 726 348	206 778	7.6	.2	X
	12520	Janitorial equipment and supplies	628	1 966 380	339 918	17.3	.3	46.3
	12521	Power janitorial equipment	257	883 757	48 859	5.5	Z	X
	12522	Nonpower janitorial equipment	175	665 603	36 082	5.4	Z	X
	12523	Janitorial supplies	575	1 845 698	254 977	13.8	.2	X
	12530	Laundry and dry-cleaning equipment and supplies	124	507 793	38 770	7.6	Z	X
	12540	Service establishment equipment and supplies, including municipal water treatment equipment	11	38 599	16 391	42.5	Z	56.3
	12542	Other service establishment equipment and supplies, including municipal water treatment equipment	7	4 416	816	18.5	Z	X
	12700	Sporting and recreational goods and supplies	22	82 167	14 147	17.2	Z	50.6
	12714	Camping and fishing equipment and accessories	6	59 244	6 830	11.5	Z	X
	12715	Athletic equipment and accessories	9	3 185	550	17.3	Z	X
	12718	Other sporting and recreational goods, including go-carts, bingo supplies, and playground equipment	7	17 517	5 833	33.3	Z	X
	12800	Toys and hobby goods and supplies	11	22 123	2 541	11.5	Z	X
	12940	Recyclable materials, excluding metals and paper	9	93 641	6 341	6.8	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	6	15 121	2 892	19.1	Z	X
	13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	6	19 804	1 293	6.5	Z	X
	13150	Miscellaneous durable goods	27	126 648	17 924	14.2	Z	25.2
	13154	Other miscellaneous durable goods	18	90 692	15 248	16.8	Z	X
	13160	Fire extinguishers and fire safety equipment	7	91 202	9 268	10.2	Z	X
	13200	Printing and writing paper	7	71 821	3 233	4.5	Z	X
	13300	Office paper, office supplies, greeting cards, and labels	23	86 524	6 727	7.8	Z	X
	13400	Paper and plastic products	584	3 935 589	465 103	11.8	.4	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	322	11 047 528	1 385 890	12.5	1.2	X
	13600	Knit and woven piece goods	19	431 814	45 955	10.6	Z	32.0
	13612	Cotton, including blends	6	5 892	683	11.6	Z	X
	13613	Synthetics, excluding synthetic knits	6	277 306	19 525	7.0	Z	X
	13800	Men's and boys' wear	11	52 379	2 586	4.9	Z	X
	13900	Women's, misses', and girls' wear	12	289 453	20 713	7.2	Z	X
	14830	Canned food	8	1 542 543	290 766	18.9	.3	X
	14850	Soft drinks and bottled water	11	11 568	1 989	17.2	Z	55.7
	14852	Pre-mix and post-mix bulk soft drinks	7	7 965	1 679	21.1	Z	X
	14853	Bottled water	7	4 738	260	5.5	Z	X
	14860	Grocery specialties	32	864 690	130 720	15.1	.1	X
	14900	Grain, beans, and seeds	7	647 683	116 573	18.0	.1	X
	15300	Plastics materials and basic shapes	3 803	33 955 618	26 620 326	78.4	23.0	50.6
	15311	Plastic pipes, rods, tubes, and shapes	1 200	10 424 480	4 131 555	39.6	3.6	X
	15312	High pressure laminates	390	2 755 175	1 926 898	69.9	1.7	X
	15313	Plastics raw materials	1 255	15 099 552	9 303 864	61.6	8.0	X
	15314	Other plastics materials and basic shapes	1 640	14 640 702	11 258 009	76.9	9.7	X
	15320	Industrial gases	1 450	5 903 481	3 848 993	65.2	3.3	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	10 294	87 645 245	72 266 518	82.5	62.4	43.4
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	909	4 345 720	1 667 980	38.4	1.4	X
	15332	Alkalies and chlorine	1 122	10 809 322	4 417 286	40.9	3.8	X
	15334	Organic fibers	117	1 877 946	670 116	35.7	.6	X
	15335	Detergents and soaps	2 574	19 326 228	10 168 784	52.6	8.8	X
	15336	Sanitation chemicals, polishes, and waxes	1 574	9 146 880	2 341 876	25.6	2.0	X
	15338	Wood chemicals, naval stores, and gum	203	2 261 384	253 711	11.2	.2	X
	15341	Nonagricultural insecticides	395	1 841 367	535 757	29.1	.5	X
	15342	Adhesives, sealants, and glues	1 508	11 355 923	2 783 578	24.5	2.4	X
	15343	Explosives	472	3 115 224	2 029 660	65.2	1.8	X
	15344	Other chemicals and allied products	6 563	67 965 394	47 397 770	69.7	40.9	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	330	2 712 546	330 461	12.2	.3	X
	15420	Liquefied petroleum (LP)	121	392 367	52 599	13.4	Z	X
	15520	Other petroleum products, including asphalt, road oil, and wax	9	25 849	1 951	7.5	Z	X
	15800	Farm supplies	315	3 111 142	428 815	13.8	.4	X
16000	Paint, paint supplies, wallpaper, and wallpaper supplies	325	2 818 175	243 441	8.6	.2	X	
16100	Books, periodicals, newspapers, and other printed materials	10	47 909	964	2.0	Z	X	
16120	Art goods, including novelties and souvenirs	10	26 289	5 617	21.4	Z	52.2	
16121	Art goods	7	23 207	3 101	13.4	Z	X	
16122	Novelties and souvenirs	6	20 851	2 174	10.4	Z	X	
16130	Textile bags, bagging, and burlap	10	14 679	2 700	18.4	Z	X	
16150	Wigs, yarns, and leather products	15	188 849	34 261	18.1	Z	X	
19700	Service receipts and labor charges, including installed parts	1 407	8 982 997	968 533	10.8	.8	X	
19720	Receipts for service contracts	13	6 603	1 173	17.8	Z	X	
19740	Receipts for installing equipment	20	97 492	2 098	2.2	Z	X	
19810	Miscellaneous commodities	855	4 237 806	469 390	11.1	.4	X	
19940	Rental and operating lease receipts	958	2 983 706	359 229	12.0	.3	X	
42461		Plastics materials and basic forms and shapes merchant wholesalers ...	3 433	X	27 821 516	X	100.0	69.0
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	8	37 612	3 181	8.5	Z	X
	10520	Linens, domestics, curtains, and draperies	6	177 414	52 732	29.7	.2	X
	10530	Flooring and floor coverings	7	97 426	10 484	10.8	Z	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	11	108 544	11 755	10.8	Z	X
	10600	Rough, dressed, and finished dimensional lumber	14	76 874	7 465	9.7	Z	51.2
	10613	Boards	11	75 287	7 367	9.8	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42461		WHOLESALE TRADE—Con.						
		Plastics materials and basic forms and shapes merchant wholesalers— Con.						
	10620	Plywood and millwork	63	425 570	83 324	19.6	.3	39.8
	10621	Softwood plywood, softwood veneer, and oriented strand board (OSB)	10	83 727	14 894	17.8	.1	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	22	133 560	35 699	26.7	.1	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	29	158 572	27 304	17.2	.1	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	12	30 654	4 130	13.5	Z	43.4
	10714	Brick, block, tile, and clay or cement sewer pipe	10	23 166	3 609	15.6	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	14	42 249	8 100	19.2	Z	26.2
	10721	Nonwood roofing	9	18 335	748	4.1	Z	X
	10730	Flat glass and other construction glass	6	32 084	3 971	12.4	Z	X
	10740	Other construction products and materials	31	164 439	18 865	11.5	.1	X
	11000	Medical, hospital, and surgical supplies	6	88 469	14 612	16.5	.1	X
	11120	Flat iron and steel products	43	170 425	16 995	10.0	.1	X
	11140	Iron and steel wire and wire products	31	133 467	18 964	14.2	.1	X
	11150	Iron and steel pipes and tubing	71	278 038	41 893	15.1	.2	X
	11160	Other iron and steel products	13	47 285	993	2.1	Z	X
	11170	Alloy steel	11	244 599	57 973	23.7	.2	X
	11180	Stainless steel	11	55 114	1 271	2.3	Z	69.0
	11185	Other stainless steel, including tubing	6	45 079	941	2.1	Z	X
	11200	Copper and brass	78	453 476	31 452	6.9	.1	X
	11220	Aluminum shapes and forms, including pipes and tubing	106	358 397	36 158	10.1	.1	X
	11400	Electrical apparatus and equipment	20	101 714	16 363	16.1	.1	X
	11600	Electronic parts and equipment, excluding communications equipment ..	63	396 648	43 061	10.9	.2	X
	11650	Communications equipment and supplies	7	74 130	6 120	8.3	Z	X
	11700	Hardware	200	1 660 268	64 964	3.9	.2	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	72	617 071	81 336	13.2	.3	26.7
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	57	463 419	30 504	6.6	.1	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	36	251 198	11 094	4.4	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric ..	9	92 813	4 427	4.8	Z	X
	11818	Other plumbing and heating equipment and supplies	29	265 599	34 378	12.9	.1	X
	11900	Forced air heating and air-conditioning equipment and supplies	11	38 596	6 194	16.0	Z	49.0
	11911	Forced air furnaces	6	21 119	1 151	5.5	Z	X
	11912	Central air-conditioners	6	21 119	1 151	5.5	Z	X
	11914	Heat pumps	11	38 596	3 538	9.2	Z	X
	12230	Food-processing machinery, equipment, and parts	10	74 811	14 057	18.8	.1	69.0
	12232	New packing, packaging, and bottling equipment	7	70 342	11 858	16.9	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	106	502 769	63 222	12.6	.2	X
	12340	Materials handling machinery, equipment, and parts	8	10 800	1 271	11.8	Z	X
	12360	Other industrial machinery, equipment, and parts	14	75 445	10 959	14.5	Z	64.0
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	6	69 098	8 546	12.4	Z	X
	12367	Used industrial machinery and equipment	6	5 053	2 160	42.7	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	20	297 331	83 227	28.0	.3	X
	12440	Welding supplies, excluding gases	8	6 671	7 159	2.4	Z	X
	12450	Industrial containers and supplies	44	71 633	7 147	10.0	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	84	399 140	36 763	9.2	.1	X
	12520	Janitorial equipment and supplies	21	69 568	9 848	14.2	Z	X
	12700	Sporting and recreational goods and supplies	6	59 244	6 830	11.5	Z	63.3
	12714	Camping and fishing equipment and accessories	6	59 244	6 830	11.5	Z	X
	12800	Toys and hobby goods and supplies	6	20 172	2 541	12.6	Z	X
	13150	Miscellaneous durable goods	18	90 692	15 248	16.8	.1	37.8
	13154	Other miscellaneous durable goods	18	90 692	15 248	16.8	.1	X
	13300	Office paper, office supplies, greeting cards, and labels	12	67 503	4 288	6.4	Z	X
	13400	Paper and plastic products	101	739 389	97 503	13.2	.4	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	11	140 565	14 930	10.6	.1	X
	13600	Knit and woven piece goods	8	104 559	16 689	16.0	.1	X
	14860	Grocery specialties	9	35 578	6 830	19.2	Z	X
	15300	Plastics materials and basic shapes	3 433	27 821 516	25 940 833	93.2	93.2	54.4
	15311	Plastic pipes, rods, tubes, and shapes	1 135	10 203 000	4 113 066	40.3	14.8	X
	15312	High pressure laminates	377	2 607 219	1 917 475	73.5	6.9	X
	15313	Plastics raw materials	1 101	10 991 872	8 806 548	80.1	31.7	X
	15314	Other plastics materials and basic shapes	1 487	12 770 392	11 103 744	86.9	39.9	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	426	4 131 504	500 223	12.1	1.8	57.3
	15332	Alkalies and chlorine	7	90 990	8 899	9.8	Z	X
	15334	Organic fibers	9	29 388	1 340	4.6	Z	X
	15335	Detergents and soaps	22	39 737	6 111	15.4	Z	X
	15336	Sanitation chemicals, polishes, and waxes	7	8 503	123	1.4	Z	X
	15342	Adhesives, sealants, and glues	312	2 323 715	121 437	5.2	.4	X
	15344	Other chemicals and allied products	111	1 823 814	360 834	19.8	1.3	X
	15800	Farm supplies	21	142 154	11 277	7.9	Z	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	52	209 180	17 471	8.4	.1	X
	16150	Wigs, yarns, and leather products	6	99 110	29 384	29.6	.1	X
	19700	Service receipts and labor charges, including installed parts	208	4 165 216	72 176	1.7	.3	X
	19740	Receipts for installing equipment	6	71 156	635	.9	Z	X
	19810	Miscellaneous commodities	289	1 151 252	144 263	12.5	.5	X
	19940	Rental and operating lease receipts	46	203 650	7 902	3.9	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
424610		WHOLESALE TRADE—Con.						
		Plastics materials and basic forms and shapes merchant wholesalers . . .	3 433	X	27 821 516	X	100.0	69.0
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	8	37 612	3 181	8.5	Z	X
	10520	Linens, domestics, curtains, and draperies	6	177 414	52 732	29.7	.2	X
	10530	Flooring and floor coverings	7	97 426	10 484	10.8	Z	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	11	108 544	11 755	10.8	Z	X
	10600	Rough, dressed, and finished dimensional lumber	14	76 874	7 465	9.7	Z	51.2
	10613	Boards	11	75 287	7 367	9.8	Z	X
	10620	Plywood and millwork	63	425 570	83 324	19.6	.3	39.8
	10621	Softwood plywood, softwood veneer, and oriented strand board (OSB)	10	83 727	14 894	17.8	.1	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	22	133 560	35 699	26.7	.1	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	29	158 572	27 304	17.2	.1	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	12	30 654	4 130	13.5	Z	43.4
	10714	Brick, block, tile, and clay or cement sewer pipe	10	23 166	3 609	15.6	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	14	42 249	8 100	19.2	Z	26.2
	10721	Nonwood roofing	9	18 335	748	4.1	Z	X
	10730	Flat glass and other construction glass	6	32 084	3 971	12.4	Z	X
	10740	Other construction products and materials	31	164 439	18 865	11.5	.1	X
	11000	Medical, hospital, and surgical supplies	6	88 469	14 612	16.5	.1	X
	11120	Flat iron and steel products	43	170 425	16 995	10.0	.1	X
	11140	Iron and steel wire and wire products	31	133 467	18 964	14.2	.1	X
	11150	Iron and steel pipes and tubing	71	278 038	41 893	15.1	.2	X
	11160	Other iron and steel products	13	47 285	993	2.1	Z	X
	11170	Alloy steel	11	244 599	57 973	23.7	.2	X
	11180	Stainless steel	11	55 114	1 271	2.3	Z	69.0
	11185	Other stainless steel, including tubing	6	45 079	941	2.1	Z	X
	11200	Copper and brass	78	453 476	31 452	6.9	.1	X
	11220	Aluminum shapes and forms, including pipes and tubing	106	358 397	36 158	10.1	.1	X
	11400	Electrical apparatus and equipment	20	101 714	16 363	16.1	.1	X
	11600	Electronic parts and equipment, excluding communications equipment . .	63	396 648	43 061	10.9	.2	X
	11650	Communications equipment and supplies	7	74 130	6 120	8.3	Z	X
	11700	Hardware	200	1 660 268	64 964	3.9	.2	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	72	617 071	81 336	13.2	.3	26.7
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	57	463 419	30 504	6.6	.1	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	36	251 198	11 094	4.4	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric . .	9	92 813	4 427	4.8	Z	X
	11818	Other plumbing and heating equipment and supplies	29	265 599	34 378	12.9	.1	X
	11900	Forced air heating and air-conditioning equipment and supplies	11	38 596	6 194	16.0	Z	49.0
	11911	Forced air furnaces	6	21 119	1 151	5.5	Z	X
	11912	Central air-conditioners	6	21 119	1 151	5.5	Z	X
	11914	Heat pumps	11	38 596	3 538	9.2	Z	X
	12230	Food-processing machinery, equipment, and parts	10	74 811	14 057	18.8	.1	69.0
	12232	New packing, packaging, and bottling equipment	7	70 342	11 858	16.9	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	106	502 769	63 222	12.6	.2	X
	12340	Materials handling machinery, equipment, and parts	8	10 800	1 271	11.8	Z	X
	12360	Other industrial machinery, equipment, and parts	14	75 445	10 959	14.5	Z	64.0
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	6	69 098	8 546	12.4	Z	X
	12367	Used industrial machinery and equipment	6	5 053	2 160	42.7	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	20	297 331	83 227	28.0	.3	X
	12440	Welding supplies, excluding gases	8	6 671	159	2.4	Z	X
	12450	Industrial containers and supplies	44	71 633	7 147	10.0	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	84	399 140	36 763	9.2	.1	X
	12520	Janitorial equipment and supplies	21	69 568	9 848	14.2	Z	X
12700	Sporting and recreational goods and supplies	6	59 244	6 830	11.5	Z	63.3	
12714	Camping and fishing equipment and accessories	6	59 244	6 830	11.5	Z	X	
12800	Toys and hobby goods and supplies	6	20 172	2 541	12.6	Z	X	
13150	Miscellaneous durable goods	18	90 692	15 248	16.8	.1	37.8	
13154	Other miscellaneous durable goods	18	90 692	15 248	16.8	.1	X	
13300	Office paper, office supplies, greeting cards, and labels	12	67 503	4 288	6.4	Z	X	
13400	Paper and plastic products	101	739 389	97 503	13.2	.4	X	
13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	11	140 565	14 930	10.6	.1	X	
13600	Knit and woven piece goods	8	104 559	16 689	16.0	.1	X	
14860	Grocery specialties	9	35 578	6 830	19.2	Z	X	
15300	Plastics materials and basic shapes	3 433	27 821 516	25 940 833	93.2	93.2	54.4	
15311	Plastic pipes, rods, tubes, and shapes	1 135	10 203 000	4 113 066	40.3	14.8	X	
15312	High pressure laminates	377	2 607 219	1 917 475	73.5	6.9	X	
15313	Plastics raw materials	1 101	10 991 872	8 806 548	80.1	31.7	X	
15314	Other plastics materials and basic shapes	1 487	12 770 392	11 103 744	86.9	39.9	X	
15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	426	4 131 504	500 223	12.1	1.8	57.3	
15332	Alkalies and chlorine	7	90 990	8 899	9.8	Z	X	
15334	Organic fibers	9	29 388	1 340	4.6	Z	X	
15335	Detergents and soaps	22	39 737	6 111	15.4	Z	X	
15336	Sanitation chemicals, polishes, and waxes	7	8 503	123	1.4	Z	X	
15342	Adhesives, sealants, and glues	312	2 323 715	121 437	5.2	.4	X	
15344	Other chemicals and allied products	111	1 823 814	360 834	19.8	1.3	X	
15800	Farm supplies	21	142 154	11 277	7.9	Z	X	
16000	Paint, paint supplies, wallpaper, and wallpaper supplies	52	209 180	17 471	8.4	.1	X	
16150	Wigs, yarns, and leather products	6	99 110	29 384	29.6	.1	X	

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Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
424610		WHOLESALE TRADE—Con.						
		Plastics materials and basic forms and shapes merchant wholesalers— Con.						
	19700	Service receipts and labor charges, including installed parts	208	4 165 216	72 176	1.7	.3	X
	19740	Receipts for installing equipment	6	71 156	635	.9	Z	X
	19810	Miscellaneous commodities	289	1 151 252	144 263	12.5	.5	X
	19940	Rental and operating lease receipts	46	203 650	7 902	3.9	Z	X
42469		Other chemical and allied products merchant wholesalers	11 117	X	88 064 704	X	100.0	61.4
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	48	5 319 972	121 452	2.3	.1	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	9	17 070	2 926	17.1	Z	X
	10620	Plywood and millwork	7	5 257 545	525 801	10.0	.6	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	14	54 136	5 854	10.8	Z	51.3
	10712	Cement and lime	6	10 684	100	.9	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	6	41 752	4 819	11.5	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	13	44 382	8 780	19.8	Z	X
	10740	Other construction products and materials	9	15 607	2 439	15.6	Z	X
	10900	Office equipment, excluding computers	7	14 144	2 439	17.2	Z	X
	10960	Restaurant and hotel equipment and supplies	23	21 323	2 465	11.6	Z	X
	11000	Medical, hospital, and surgical supplies	162	1 080 453	41 374	3.8	Z	X
	11030	Optical and ophthalmic goods and supplies	7	524 302	7 088	1.4	Z	X
	11050	Miscellaneous professional equipment and supplies	11	14 144	1 951	13.8	Z	61.4
	11054	Laboratory equipment and supplies	6	10 532	1 390	13.2	Z	X
	11056	Veterinarians' equipment and supplies	6	3 612	502	13.9	Z	X
	11100	Semi-finished iron and steel products	7	988 605	142 456	14.4	.2	X
	11120	Flat iron and steel products	66	6 290 459	1 614 202	25.7	1.8	X
	11140	Iron and steel wire and wire products	56	470 051	18 500	3.9	Z	X
	11150	Iron and steel pipes and tubing	53	642 733	10 889	1.7	Z	X
	11160	Other iron and steel products	6	9 474	1 516	16.0	Z	X
	11200	Copper and brass	50	592 347	21 363	3.6	Z	X
	11220	Aluminum shapes and forms, including pipes and tubing	29	380 136	9 808	2.6	Z	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	11	177 125	18 504	10.4	Z	X
	11400	Electrical apparatus and equipment	75	7 133 245	629 591	8.8	.7	X
	11600	Electronic parts and equipment, excluding communications equipment .	162	8 569 822	701 290	8.2	.8	X
	11700	Hardware	249	699 249	70 952	10.1	.1	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	73	169 236	21 461	12.7	Z	31.6
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	15	20 276	614	3.0	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	51	144 186	15 617	10.8	Z	X
	11813	Plumbing fixtures	29	121 467	3 086	2.5	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric .	15	22 014	197	.9	Z	X
	11815	Boilers, radiators, and convectors	7	6 451	585	9.1	Z	X
	11818	Other plumbing and heating equipment and supplies	15	9 587	1 362	14.2	Z	X
	11900	Forced air heating and air-conditioning equipment and supplies	7	7 803	488	6.3	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	7	5 099	1 028	20.2	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	13	18 045	1 463	8.1	Z	X
	12200	Farm machinery, equipment, and parts	23	51 075	2 293	4.5	Z	X
	12220	Lawn and garden machinery, equipment, and parts	9	35 707	2 148	6.0	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	16	33 164	1 463	4.4	Z	51.3
	12311	Pumps	7	20 338	565	2.8	Z	X
	12313	Pump and motor parts	11	15 261	876	5.7	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	576	8 012 267	1 038 278	13.0	1.2	X
	12330	Metalworking machinery, equipment, and parts	40	79 852	10 118	12.7	Z	X
	12340	Materials handling machinery, equipment, and parts	16	30 911	2 345	7.6	Z	44.2
	12342	New hoists and cranes	6	24 692	1 015	4.1	Z	X
	12345	Used materials handling machinery, equipment, and parts	6	1 644	62	3.8	Z	X
	12360	Other industrial machinery, equipment, and parts	86	973 963	233 095	23.9	.3	X
	12370	Mechanical power transmission supplies	6	11 437	1 145	10.0	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings . .	27	36 884	1 673	4.5	Z	X
	12390	Hydraulic and pneumatic valves	13	31 701	975	3.1	Z	61.4
	12391	Hydraulic valves	6	21 559	222	1.0	Z	X
	12392	Pneumatic valves	7	10 142	753	7.4	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	16	31 710	3 392	10.7	Z	X
	12430	Other hydraulic and pneumatic accessories and parts	7	10 730	488	4.5	Z	X
	12440	Welding supplies, excluding gases	996	2 492 952	683 930	27.4	.8	X
	12450	Industrial containers and supplies	325	1 215 522	46 534	3.8	.1	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	331	2 327 208	170 015	7.3	.2	X
	12520	Janitorial equipment and supplies	607	1 896 812	330 070	17.4	.4	46.8
	12521	Power janitorial equipment	253	877 787	48 652	5.5	.1	X
	12522	Nonpower janitorial equipment	171	664 085	35 927	5.4	Z	X
	12523	Janitorial supplies	561	1 783 617	245 491	13.8	.3	X
	12530	Laundry and dry-cleaning equipment and supplies	122	464 432	36 229	7.8	Z	X
	12540	Service establishment equipment and supplies, including municipal water treatment equipment	9	34 628	15 120	43.7	Z	61.4
	12542	Other service establishment equipment and supplies, including municipal water treatment equipment	7	4 416	816	18.5	Z	X
	12700	Sporting and recreational goods and supplies	16	22 923	7 317	31.9	Z	29.7
	12715	Athletic equipment and accessories	9	3 185	550	17.3	Z	X
	12718	Other sporting and recreational goods, including go-carts, bingo supplies, and playground equipment	7	17 517	5 833	33.3	Z	X
	12940	Recyclable materials, excluding metals and paper	9	93 641	6 341	6.8	Z	X
	13150	Miscellaneous durable goods	9	35 956	2 676	7.4	Z	X

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						Estab- lishments with the product line	All estab- lishments ²	
42469		WHOLESALE TRADE—Con.						
		Other chemical and allied products merchant wholesalers—Con.						
	13160	Fire extinguishers and fire safety equipment	7	91 202	9 268	10.2	Z	X
	13300	Office paper, office supplies, greeting cards, and labels	11	19 021	2 439	12.8	Z	X
	13400	Paper and plastic products	483	3 196 200	367 600	11.5	.4	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	311	10 906 963	1 370 960	12.6	1.6	X
	13600	Knit and woven piece goods	11	327 255	29 266	8.9	Z	X
	13800	Men's and boys' wear	9	46 820	1 951	4.2	Z	X
	13900	Women's, misses', and girls' wear	9	235 133	18 172	7.7	Z	X
	14830	Canned food	6	1 499 182	284 254	19.0	.3	X
	14850	Soft drinks and bottled water	11	11 568	1 989	17.2	Z	54.0
	14852	Pre-mix and post-mix bulk soft drinks	7	7 965	1 679	21.1	Z	X
	14853	Bottled water	7	4 738	260	5.5	Z	X
	14860	Grocery specialties	23	829 112	123 890	14.9	.1	X
	14900	Grain, beans, and seeds	7	647 683	116 573	18.0	.1	X
	15300	Plastics materials and basic shapes	370	6 134 102	679 493	11.1	.8	52.9
	15311	Plastic pipes, rods, tubes, and shapes	65	221 480	18 489	8.3	Z	X
	15312	High pressure laminates	13	147 956	9 423	6.4	Z	X
	15313	Plastics raw materials	154	4 107 680	497 316	12.1	.6	X
	15314	Other plastics materials and basic shapes	153	1 870 310	154 265	8.2	.2	X
	15320	Industrial gases	1 448	5 901 575	3 848 993	65.2	4.4	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	9 868	83 513 741	71 766 295	85.9	81.5	41.7
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	905	4 340 394	1 667 563	38.4	1.9	X
	15332	Alkalies and chlorine	1 115	10 718 332	4 408 387	41.1	5.0	X
	15334	Organic fibers	108	1 848 558	668 776	36.2	.8	X
	15335	Detergents and soaps	2 552	19 286 491	10 162 673	52.7	11.5	X
	15336	Sanitation chemicals, polishes, and waxes	1 567	9 138 377	2 341 753	25.6	2.7	X
	15338	Wood chemicals, naval stores, and gum	201	2 245 732	252 654	11.3	.3	X
	15341	Nonagricultural insecticides	391	1 838 167	535 752	29.1	.6	X
	15342	Adhesives, sealants, and glues	1 196	9 032 208	2 662 141	29.5	3.0	X
	15343	Explosives	472	3 115 224	2 029 660	65.2	2.3	X
	15344	Other chemicals and allied products	6 452	66 141 580	47 036 936	71.1	53.4	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	325	2 709 211	330 143	12.2	.4	X
	15420	Liquefied petroleum (LP)	121	392 367	52 599	13.4	.1	X
	15520	Other petroleum products, including asphalt, road oil, and wax	9	25 849	1 951	7.5	Z	X
	15800	Farm supplies	294	2 968 988	417 538	14.1	.5	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	273	2 608 995	225 970	8.7	.3	X
	16100	Books, periodicals, newspapers, and other printed materials	7	4 389	488	11.1	Z	X
	16120	Art goods, including novelties and souvenirs	7	8 023	1 805	22.5	Z	X
	16150	Wigs, yarns, and leather products	9	89 739	4 877	5.4	Z	X
	19700	Service receipts and labor charges, including installed parts	1 199	4 817 781	896 357	18.6	1.0	X
	19720	Receipts for service contracts	11	6 444	1 173	18.2	Z	X
	19740	Receipts for installing equipment	14	26 336	1 463	5.6	Z	X
	19810	Miscellaneous commodities	566	3 086 554	325 127	10.5	.4	X
	19940	Rental and operating lease receipts	912	2 780 056	351 327	12.6	.4	X
424690		Other chemical and allied products merchant wholesalers	11 117	X	88 064 704	X	100.0	61.4
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	48	5 319 972	121 452	2.3	.1	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	9	17 070	2 926	17.1	Z	X
	10620	Plywood and millwork	7	5 257 545	525 801	10.0	.6	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	14	54 136	5 854	10.8	Z	51.3
	10712	Cement and lime	6	10 684	100	.9	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	6	41 752	4 819	11.5	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	13	44 382	8 780	19.8	Z	X
	10740	Other construction products and materials	9	15 607	2 439	15.6	Z	X
	10900	Office equipment, excluding computers	7	14 144	2 439	17.2	Z	X
	10960	Restaurant and hotel equipment and supplies	23	21 323	2 465	11.6	Z	X
	11000	Medical, hospital, and surgical supplies	162	1 080 453	41 374	3.8	Z	X
	11030	Optical and ophthalmic goods and supplies	7	524 302	7 088	1.4	Z	X
	11050	Miscellaneous professional equipment and supplies	11	14 144	1 951	13.8	Z	61.4
	11054	Laboratory equipment and supplies	6	10 532	1 390	13.2	Z	X
	11056	Veterinarians' equipment and supplies	6	3 612	502	13.9	Z	X
	11100	Semi-finished iron and steel products	7	988 605	142 456	14.4	.2	X
	11120	Flat iron and steel products	66	6 290 459	1 614 202	25.7	1.8	X
	11140	Iron and steel wire and wire products	56	470 051	18 500	3.9	Z	X
	11150	Iron and steel pipes and tubing	53	642 733	10 889	1.7	Z	X
	11160	Other iron and steel products	6	9 474	1 516	16.0	Z	X
	11200	Copper and brass	50	592 347	21 363	3.6	Z	X
	11220	Aluminum shapes and forms, including pipes and tubing	29	380 136	9 808	2.6	Z	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	11	177 125	18 504	10.4	Z	X
	11400	Electrical apparatus and equipment	75	7 133 245	629 591	8.8	.7	X
	11600	Electronic parts and equipment, excluding communications equipment ..	162	8 569 822	701 290	8.2	.8	X
	11700	Hardware	249	699 249	70 952	10.1	.1	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	73	169 236	21 461	12.7	Z	31.6
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	15	20 276	614	3.0	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	51	144 186	15 617	10.8	Z	X
	11813	Plumbing fixtures	29	121 467	3 086	2.5	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric ..	15	22 014	197	.9	Z	X
	11815	Boilers, radiators, and convectors	7	6 451	585	9.1	Z	X
	11818	Other plumbing and heating equipment and supplies	15	9 587	1 362	14.2	Z	X
	11900	Forced air heating and air-conditioning equipment and supplies	7	7 803	488	6.3	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	7	5 099	1 028	20.2	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
424690		WHOLESALE TRADE—Con.						
		Other chemical and allied products merchant wholesalers—Con.						
	12100	Construction and mining machinery and equipment, including parts and attachments	13	18 045	1 463	8.1	Z	X
	12200	Farm machinery, equipment, and parts	23	51 075	2 293	4.5	Z	X
	12220	Lawn and garden machinery, equipment, and parts	9	35 707	2 148	6.0	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	16	33 164	1 463	4.4	Z	51.3
	12311	Pumps	7	20 338	565	2.8	Z	X
	12313	Pump and motor parts	11	15 261	876	5.7	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	576	8 012 267	1 038 278	13.0	1.2	X
	12330	Metalworking machinery, equipment, and parts	40	79 852	10 118	12.7	Z	X
	12340	Materials handling machinery, equipment, and parts	16	30 911	2 345	7.6	Z	44.2
	12342	New hoists and cranes	6	24 692	1 015	4.1	Z	X
	12345	Used materials handling machinery, equipment, and parts	6	1 644	62	3.8	Z	X
	12360	Other industrial machinery, equipment, and parts	86	973 963	233 095	23.9	.3	X
	12370	Mechanical power transmission supplies	6	11 437	1 145	10.0	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	27	36 884	1 673	4.5	Z	X
	12390	Hydraulic and pneumatic valves	13	31 701	975	3.1	Z	61.4
	12391	Hydraulic valves	6	21 559	222	1.0	Z	X
	12392	Pneumatic valves	7	10 142	753	7.4	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	16	31 710	3 392	10.7	Z	X
	12430	Other hydraulic and pneumatic accessories and parts	7	10 730	488	4.5	Z	X
	12440	Welding supplies, excluding gases	996	2 492 952	683 930	27.4	.8	X
	12450	Industrial containers and supplies	325	1 215 522	46 534	3.8	.1	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	331	2 327 208	170 015	7.3	.2	X
	12520	Janitorial equipment and supplies	607	1 896 812	330 070	17.4	.4	46.8
	12521	Power janitorial equipment	253	877 787	48 652	5.5	.1	X
	12522	Nonpower janitorial equipment	171	664 085	35 927	5.4	Z	X
	12523	Janitorial supplies	561	1 783 617	245 491	13.8	.3	X
	12530	Laundry and dry-cleaning equipment and supplies	122	464 432	36 229	7.8	Z	X
	12540	Service establishment equipment and supplies, including municipal water treatment equipment	9	34 628	15 120	43.7	Z	61.4
	12542	Other service establishment equipment and supplies, including municipal water treatment equipment	7	4 416	816	18.5	Z	X
	12700	Sporting and recreational goods and supplies	16	22 923	7 317	31.9	Z	29.7
	12715	Athletic equipment and accessories	9	3 185	550	17.3	Z	X
	12718	Other sporting and recreational goods, including go-carts, bingo supplies, and playground equipment	7	17 517	5 833	33.3	Z	X
	12940	Recyclable materials, excluding metals and paper	9	93 641	6 341	6.8	Z	X
	13150	Miscellaneous durable goods	9	35 956	2 676	7.4	Z	X
	13160	Fire extinguishers and fire safety equipment	7	91 202	9 268	10.2	Z	X
	13300	Office paper, office supplies, greeting cards, and labels	11	19 021	2 439	12.8	Z	X
	13400	Paper and plastic products	483	3 196 200	367 600	11.5	.4	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	311	10 906 963	1 370 960	12.6	1.6	X
	13600	Knit and woven piece goods	11	327 255	29 266	8.9	Z	X
	13800	Men's and boys' wear	9	46 820	1 951	4.2	Z	X
	13900	Women's, misses', and girls' wear	9	235 133	18 172	7.7	Z	X
	14830	Canned food	6	1 499 182	284 254	19.0	.3	X
	14850	Soft drinks and bottled water	11	11 568	1 989	17.2	Z	54.0
	14852	Pre-mix and post-mix bulk soft drinks	7	7 965	1 679	21.1	Z	X
	14853	Bottled water	7	4 738	260	5.5	Z	X
	14860	Grocery specialties	23	829 112	123 890	14.9	.1	X
	14900	Grain, beans, and seeds	7	647 683	116 573	18.0	.1	X
	15300	Plastics materials and basic shapes	370	6 134 102	679 493	11.1	.8	52.9
	15311	Plastic pipes, rods, tubes, and shapes	65	221 480	18 489	8.3	Z	X
	15312	High pressure laminates	13	147 956	9 423	6.4	Z	X
	15313	Plastics raw materials	154	4 107 680	497 316	12.1	.6	X
	15314	Other plastics materials and basic shapes	153	1 870 310	154 265	8.2	.2	X
	15320	Industrial gases	1 448	5 901 575	3 848 993	65.2	4.4	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum	9 868	83 513 741	71 766 295	85.9	81.5	41.7
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP)	905	4 340 394	1 667 563	38.4	1.9	X
	15332	Alkalies and chlorine	1 115	10 718 332	4 408 387	41.1	5.0	X
	15334	Organic fibers	108	1 848 558	668 776	36.2	.8	X
	15335	Detergents and soaps	2 552	19 286 491	10 162 673	52.7	11.5	X
	15336	Sanitation chemicals, polishes, and waxes	1 567	9 138 377	2 341 753	25.6	2.7	X
	15338	Wood chemicals, naval stores, and gum	201	2 245 732	252 654	11.3	.3	X
	15341	Nonagricultural insecticides	391	1 838 167	535 752	29.1	.6	X
	15342	Adhesives, sealants, and glues	1 196	9 032 208	2 662 141	29.5	3.0	X
	15343	Explosives	472	3 115 224	2 029 660	65.2	2.3	X
	15344	Other chemicals and allied products	6 452	66 141 580	47 036 936	71.1	53.4	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	325	2 709 211	330 143	12.2	.4	X
	15420	Liquefied petroleum (LP)	121	392 367	52 599	13.4	.1	X
	15520	Other petroleum products, including asphalt, road oil, and wax	9	25 849	1 951	7.5	Z	X
	15800	Farm supplies	294	2 968 988	417 538	14.1	.5	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	273	2 608 995	225 970	8.7	.3	X
	16100	Books, periodicals, newspapers, and other printed materials	7	4 389	1 488	11.1	Z	X
	16120	Art goods, including novelties and souvenirs	7	8 023	1 805	22.5	Z	X
	16150	Wigs, yarns, and leather products	9	89 739	4 877	5.4	Z	X
	19700	Service receipts and labor charges, including installed parts	1 199	4 817 781	896 357	18.6	1.0	X
	19720	Receipts for service contracts	11	6 444	1 173	18.2	Z	X
	19740	Receipts for installing equipment	14	26 336	1 463	5.6	Z	X
	19810	Miscellaneous commodities	566	3 086 554	325 127	10.5	.4	X
	19940	Rental and operating lease receipts	912	2 780 056	351 327	12.6	.4	X
4247		Petroleum and petroleum products merchant wholesalers	7 961	X	326 016 021	X	100.0	70.3

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)	
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—			
						Estab- lishments with the product line	All estab- lishments ²		
4247		WHOLESALE TRADE—Con.							
		Petroleum and petroleum products merchant wholesalers—Con.							
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	338	2 967 370	181 877	6.1	.1	X	
	10250	Petroleum products marketing equipment	220	2 965 287	48 556	1.6	Z	X	
	10300	Tires and tubes	260	1 451 549	47 679	3.3	Z	X	
	11650	Communications equipment and supplies	7	2 921 746	32 108	1.1	Z	X	
	11700	Hardware	187	1 927 840	29 173	1.5	Z	X	
	11900	Forced air heating and air-conditioning equipment and supplies	10	57 395	2 309	4.0	Z	X	
	12320	General-purpose industrial machinery, equipment, and parts	235	1 968 051	46 104	2.3	Z	X	
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies	57	1 035 947	118 165	11.4	Z	X	
	12440	Welding supplies, excluding gases	12	19 771	2 741	13.9	Z	X	
	14400	Confectioneries	16	36 951	2 694	7.3	Z	X	
	14860	Grocery specialties	238	4 621 128	526 385	11.4	.2	X	
	14900	Grain, beans, and seeds	13	12 089 627	157 680	1.3	Z	X	
	15320	Industrial gases	12	155 403	23 334	15.0	Z	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	603	35 286 155	1 029 321	2.9	.3	X	
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	7 227	285 060 989	246 566 618	86.5	75.6	68.9	
	15411	Aviation gasoline	581	27 813 655	1 567 347	5.6	.5	X	
	15412	Motor gasoline	5 305	262 628 860	143 236 904	54.5	43.9	X	
	15413	Special naphtha	144	28 032 633	2 022 139	7.2	.6	X	
	15414	Jet fuel, naphtha or kerosene	1 717	141 109 217	10 157 476	7.2	3.1	X	
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	4 913	232 796 862	57 988 546	24.9	17.8	X	
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	1 599	81 532 308	7 160 992	8.8	2.2	X	
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	342	73 880 453	10 118 504	13.7	3.1	X	
	15418	Lubricating oil and greases	3 984	69 032 314	14 314 710	20.7	4.4	X	
	15420	Liquefied petroleum (LP)	768	43 861 135	8 807 573	20.1	2.7	X	
	15500	Crude oil	210	99 561 350	53 246 981	53.5	16.3	X	
	15520	Other petroleum products, including asphalt, road oil, and wax	458	40 796 380	3 577 941	8.8	1.1	X	
	15800	Farm supplies	182	3 928 318	137 490	3.5	Z	X	
	15900	Tobacco and tobacco products	26	164 925	19 732	12.0	Z	X	
	16150	Wigs, yarns, and leather products	7	36 239	8 787	24.2	Z	X	
	19700	Service receipts and labor charges, including installed parts	685	10 702 302	304 228	2.8	.1	X	
	19810	Miscellaneous commodities	882	59 062 704	6 424 382	10.9	2.0	X	
	19840	Pipeline transportation receipts	30	692 262	19 194	2.8	Z	X	
	19940	Rental and operating lease receipts	511	25 022 549	161 438	.6	.1	X	
	42471		Petroleum bulk stations and terminals	4 776	X	201 835 974	X	100.0	67.2
		10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	229	2 382 357	113 245	4.8	.1	X
		10250	Petroleum products marketing equipment	169	2 506 645	39 841	1.6	Z	X
		10300	Tires and tubes	214	1 304 479	45 500	3.5	Z	X
		11700	Hardware	146	1 480 115	20 458	1.4	Z	X
11900		Forced air heating and air-conditioning equipment and supplies	10	57 395	2 309	4.0	Z	X	
12320		General-purpose industrial machinery, equipment, and parts	166	1 794 056	36 299	2.0	Z	X	
12350		Oil well, oil refinery, and pipeline machinery, equipment, and supplies	34	815 886	11 404	1.4	Z	X	
12440		Welding supplies, excluding gases	7	17 592	2 741	15.6	Z	X	
14400		Confectioneries	16	36 951	2 694	7.3	Z	X	
14860		Grocery specialties	185	4 163 576	486 077	11.7	.2	X	
14900		Grain, beans, and seeds	11	1 526 708	105 389	6.9	.1	X	
15320		Industrial gases	7	153 224	23 334	15.2	Z	X	
15330		Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	406	5 152 191	274 238	5.3	.1	X	
15400		Refined petroleum products, excluding liquefied petroleum (LP)	4 568	183 642 805	173 825 987	94.7	86.1	65.3	
15411		Aviation gasoline	415	14 669 646	848 754	5.8	.4	X	
15412		Motor gasoline	3 643	168 690 741	103 201 288	61.2	51.1	X	
15413		Special naphtha	96	2 893 778	278 486	9.6	.1	X	
15414		Jet fuel, naphtha or kerosene	1 292	71 396 312	4 892 999	6.9	2.4	X	
15415		No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	3 430	158 735 066	43 955 109	27.7	21.8	X	
15416		All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	1 250	70 416 682	6 664 238	9.5	3.3	X	
15417		Residual fuel oil, including no. 5 and no. 6 heavy diesel	203	14 235 323	4 422 153	31.1	2.2	X	
15418		Lubricating oil and greases	2 845	35 421 180	9 562 960	27.0	4.7	X	
15420		Liquefied petroleum (LP)	500	17 939 257	4 233 315	23.6	2.1	X	
15500		Crude oil	87	27 739 782	16 018 726	57.7	7.9	X	
15520		Other petroleum products, including asphalt, road oil, and wax	143	10 682 513	1 016 801	9.5	.5	X	
15800		Farm supplies	157	937 462	71 150	7.6	Z	X	
15900		Tobacco and tobacco products	21	114 812	6 659	5.8	Z	X	
19700		Service receipts and labor charges, including installed parts	532	8 784 283	243 070	2.8	.1	X	
19810		Miscellaneous commodities	622	35 174 980	4 952 655	14.1	2.5	X	
19840		Pipeline transportation receipts	26	676 080	14 836	2.2	Z	X	
19940		Rental and operating lease receipts	397	23 530 057	142 918	.6	.1	X	
424710			Petroleum bulk stations and terminals	4 776	X	201 835 974	X	100.0	67.2
		10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	229	2 382 357	113 245	4.8	.1	X
		10250	Petroleum products marketing equipment	169	2 506 645	39 841	1.6	Z	X
		10300	Tires and tubes	214	1 304 479	45 500	3.5	Z	X
		11700	Hardware	146	1 480 115	20 458	1.4	Z	X
		11900	Forced air heating and air-conditioning equipment and supplies	10	57 395	2 309	4.0	Z	X
		12320	General-purpose industrial machinery, equipment, and parts	166	1 794 056	36 299	2.0	Z	X
		12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies	34	815 886	11 404	1.4	Z	X
	12440	Welding supplies, excluding gases	7	17 592	2 741	15.6	Z	X	
	14400	Confectioneries	16	36 951	2 694	7.3	Z	X	
	14860	Grocery specialties	185	4 163 576	486 077	11.7	.2	X	
	14900	Grain, beans, and seeds	11	1 526 708	105 389	6.9	.1	X	
	15320	Industrial gases	7	153 224	23 334	15.2	Z	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	406	5 152 191	274 238	5.3	.1	X	

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						Estab- lishments with the product line	All estab- lishments ²	
424710		WHOLESALE TRADE—Con.						
		Petroleum bulk stations and terminals—Con.						
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	4 568	183 642 805	173 825 987	94.7	86.1	65.3
	15411	Aviation gasoline	415	14 669 646	848 754	5.8	.4	X
	15412	Motor gasoline	3 643	168 690 741	103 201 288	61.2	51.1	X
	15413	Special naphtha	96	2 893 778	278 486	9.6	.1	X
	15414	Jet fuel, naphtha or kerosene	1 292	71 396 312	4 892 999	6.9	2.4	X
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	3 430	158 735 066	43 955 109	27.7	21.8	X
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	1 250	70 416 682	6 664 238	9.5	3.3	X
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	203	14 235 323	4 422 153	31.1	2.2	X
	15418	Lubricating oil and greases	2 845	35 421 180	9 562 960	27.0	4.7	X
	15420	Liquefied petroleum (LP)	500	17 939 257	4 233 315	23.6	2.1	X
	15500	Crude oil	87	27 739 782	16 018 726	57.7	7.9	X
	15520	Other petroleum products, including asphalt, road oil, and wax	143	10 682 513	1 016 801	9.5	.5	X
	15800	Farm supplies	157	937 462	71 150	7.6	Z	X
	15900	Tobacco and tobacco products	21	114 812	6 659	5.8	Z	X
	19700	Service receipts and labor charges, including installed parts	532	8 784 283	243 070	2.8	.1	X
	19810	Miscellaneous commodities	622	35 174 980	4 952 655	14.1	2.5	X
	19840	Pipeline transportation receipts	26	676 080	14 836	2.2	Z	X
	19940	Rental and operating lease receipts	397	23 530 057	142 918	.6	.1	X
42472		Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 185	X	124 180 047	X	100.0	75.5
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	109	585 013	68 632	11.7	.1	X
	10250	Petroleum products marketing equipment	51	458 642	8 715	1.9	Z	X
	10300	Tires and tubes	46	147 070	2 179	1.5	Z	X
	11700	Hardware	41	447 725	8 715	1.9	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	69	173 995	9 805	5.6	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies	23	220 061	106 761	48.5	.1	X
	14860	Grocery specialties	53	457 552	40 308	8.8	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	197	30 133 964	755 083	2.5	.6	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	2 659	101 418 184	72 740 631	71.7	58.6	74.7
	15411	Aviation gasoline	166	13 144 009	718 593	5.5	.6	X
	15412	Motor gasoline	1 662	93 938 119	40 035 616	42.6	32.2	X
	15413	Special naphtha	48	25 138 855	1 743 653	6.9	1.4	X
	15414	Jet fuel, naphtha or kerosene	425	69 712 905	5 264 477	7.6	4.2	X
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	1 483	74 061 796	14 033 437	18.9	11.3	X
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	349	11 115 626	496 754	4.5	.4	X
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	139	59 645 130	5 696 351	9.6	4.6	X
	15418	Lubricating oil and greases	1 139	33 611 134	4 751 750	14.1	3.8	X
	15420	Liquefied petroleum (LP)	268	25 921 878	4 574 258	17.6	3.7	X
	15500	Crude oil	123	71 821 568	37 228 255	51.8	30.0	X
15520	Other petroleum products, including asphalt, road oil, and wax	315	30 113 867	2 561 140	8.5	2.1	X	
15800	Farm supplies	25	2 990 856	66 340	2.2	.1	X	
19700	Service receipts and labor charges, including installed parts	153	1 918 019	61 158	3.2	Z	X	
19810	Miscellaneous commodities	260	23 887 724	1 471 727	6.2	1.2	X	
19940	Rental and operating lease receipts	114	1 492 492	18 520	1.2	Z	X	
424720		Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 185	X	124 180 047	X	100.0	75.5
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	109	585 013	68 632	11.7	.1	X
	10250	Petroleum products marketing equipment	51	458 642	8 715	1.9	Z	X
	10300	Tires and tubes	46	147 070	2 179	1.5	Z	X
	11700	Hardware	41	447 725	8 715	1.9	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	69	173 995	9 805	5.6	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies	23	220 061	106 761	48.5	.1	X
	14860	Grocery specialties	53	457 552	40 308	8.8	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	197	30 133 964	755 083	2.5	.6	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	2 659	101 418 184	72 740 631	71.7	58.6	74.7
	15411	Aviation gasoline	166	13 144 009	718 593	5.5	.6	X
	15412	Motor gasoline	1 662	93 938 119	40 035 616	42.6	32.2	X
	15413	Special naphtha	48	25 138 855	1 743 653	6.9	1.4	X
	15414	Jet fuel, naphtha or kerosene	425	69 712 905	5 264 477	7.6	4.2	X
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	1 483	74 061 796	14 033 437	18.9	11.3	X
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	349	11 115 626	496 754	4.5	.4	X
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	139	59 645 130	5 696 351	9.6	4.6	X
	15418	Lubricating oil and greases	1 139	33 611 134	4 751 750	14.1	3.8	X
	15420	Liquefied petroleum (LP)	268	25 921 878	4 574 258	17.6	3.7	X
	15500	Crude oil	123	71 821 568	37 228 255	51.8	30.0	X
15520	Other petroleum products, including asphalt, road oil, and wax	315	30 113 867	2 561 140	8.5	2.1	X	
15800	Farm supplies	25	2 990 856	66 340	2.2	.1	X	
19700	Service receipts and labor charges, including installed parts	153	1 918 019	61 158	3.2	Z	X	
19810	Miscellaneous commodities	260	23 887 724	1 471 727	6.2	1.2	X	
19940	Rental and operating lease receipts	114	1 492 492	18 520	1.2	Z	X	
		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES						

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4246		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Chemical and allied products merchant wholesalers.....	13 119	X	67 283 469	X	100.0	72.1
	10100	New and used automobiles, motorcycles, and trailers	7	18 817	5 524	29.4	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	53	5 335 379	122 723	2.3	.2	X
	10500	Household china, glassware, crockery, and plastic housewares, excluding paper dishes, cups, napkins, and plastic utensils	6	11 342	1 293	11.4	Z	X
	10520	Linens, domestics, curtains, and draperies	8	187 168	53 707	28.7	.1	X
	10530	Flooring and floor coverings.....	7	56 838	10 981	19.3	Z	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	18	79 173	13 726	17.3	Z	X
	10600	Rough, dressed, and finished dimensional lumber	16	83 702	8 440	10.1	Z	55.0
	10613	Boards	11	75 287	7 367	9.8	Z	X
	10620	Plywood and millwork	68	5 636 674	601 246	10.7	.9	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	26	84 790	9 984	11.8	Z	54.7
	10712	Cement and lime	6	10 684	100	.9	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	16	64 918	8 428	13.0	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	27	86 631	16 880	19.5	Z	25.1
	10721	Nonwood roofing	9	18 335	748	4.1	Z	X
	10723	Insulation materials	15	45 731	8 802	19.2	Z	X
	10730	Flat glass and other construction glass	6	32 084	3 971	12.4	Z	X
	10740	Other construction products and materials	38	139 813	19 752	14.1	Z	X
	10900	Office equipment, excluding computers	10	18 750	2 598	13.9	Z	X
	10960	Restaurant and hotel equipment and supplies	25	30 059	3 418	11.4	Z	X
	11000	Medical, hospital, and surgical supplies	139	575 560	41 619	7.2	.1	X
	11020	Dental equipment, instruments, and supplies	7	19 603	476	2.4	Z	X
	11050	Miscellaneous professional equipment and supplies	11	14 144	1 951	13.8	Z	72.1
	11054	Laboratory equipment and supplies	6	10 532	1 390	13.2	Z	X
	11056	Veterinarians' equipment and supplies	6	3 612	502	13.9	Z	X
	11120	Flat iron and steel products	104	5 943 410	1 620 923	27.3	2.4	X
	11140	Iron and steel wire and wire products	85	563 285	26 600	4.7	Z	X
	11150	Iron and steel pipes and tubing	122	918 622	52 185	5.7	.1	X
	11160	Other iron and steel products	14	23 451	2 151	9.2	Z	X
	11170	Alloy steel	16	462 119	71 142	15.4	.1	31.7
	11173	Pipes, tubing, and plates	11	244 599	57 973	23.7	.1	X
	11180	Stainless steel	15	56 785	1 864	3.3	Z	71.4
	11185	Other stainless steel, including tubing	8	46 262	967	2.1	Z	X
	11200	Copper and brass	124	1 006 395	44 190	4.4	.1	X
	11220	Aluminum shapes and forms, including pipes and tubing	113	631 565	35 221	5.6	.1	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	11	78 176	20 306	26.0	Z	X
	11400	Electrical apparatus and equipment	57	5 352 188	284 922	5.3	.4	X
	11600	Electronic parts and equipment, excluding communications equipment ..	178	6 978 662	589 312	8.4	.9	X
	11700	Hardware	422	1 358 979	126 742	9.3	.2	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	142	653 193	96 111	14.7	.1	X
	11900	Forced air heating and air-conditioning equipment and supplies	18	46 399	6 682	14.4	Z	44.9
	11911	Forced air furnaces	6	21 119	1 151	5.5	Z	X
	11912	Central air-conditioners	6	21 119	1 151	5.5	Z	X
	11914	Heat pumps	11	38 596	3 538	9.2	Z	X
	11916	Air cleaning and filtration systems	7	7 803	488	6.3	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	9	8 117	1 981	24.4	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	15	35 993	1 781	4.9	Z	X
	12200	Farm machinery, equipment, and parts	26	51 120	1 951	3.8	Z	X
	12220	Lawn and garden machinery, equipment, and parts	9	33 970	1 463	4.3	Z	X
	12230	Food-processing machinery, equipment, and parts	10	78 733	15 281	19.4	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	18	34 911	1 781	5.1	Z	60.9
	12311	Pumps	7	20 338	565	2.8	Z	X
	12313	Pump and motor parts	13	17 008	1 088	6.4	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	618	7 971 107	1 088 225	13.7	1.6	X
	12330	Metalworking machinery, equipment, and parts	45	91 129	11 230	12.3	Z	X
	12340	Materials handling machinery, equipment, and parts	24	41 711	3 616	8.7	Z	43.5
	12341	New conveying equipment	11	28 079	811	2.9	Z	X
	12342	New hoists and cranes	14	35 492	1 136	3.2	Z	X
	12343	New forklifts	11	18 214	608	3.3	Z	X
	12345	Used materials handling machinery, equipment, and parts	14	12 444	667	5.4	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies ...	6	8 575	1 293	15.1	Z	X
	12360	Other industrial machinery, equipment, and parts	100	1 049 408	244 054	23.3	.4	X
	12370	Mechanical power transmission supplies	9	15 249	1 939	12.7	Z	26.5
	12371	Bearings and bushings	7	13 566	885	6.5	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	47	334 215	84 900	25.4	.1	X
	12390	Hydraulic and pneumatic valves	16	50 761	3 516	6.9	Z	72.1
	12391	Hydraulic valves	9	40 619	2 763	6.8	Z	X
	12392	Pneumatic valves	7	10 142	753	7.4	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	15	28 198	1 293	4.6	Z	28.8
	12412	Pneumatic cylinders and rotary actuators	10	21 745	880	4.0	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	7	7 271	806	11.1	Z	X
	12430	Other hydraulic and pneumatic accessories and parts	10	29 790	5 253	17.6	Z	X
	12440	Welding supplies, excluding gases	868	1 922 348	525 764	27.4	.8	X
	12450	Industrial containers and supplies	366	1 282 925	52 617	4.1	.1	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	408	2 629 945	190 797	7.3	.3	X

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						Estab- lishments with the product line	All estab- lishments ²	
4246		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Chemical and allied products merchant wholesalers—Con.						
	12520	Janitorial equipment and supplies	569	1 312 260	130 324	9.9	.2	47.1
	12521	Power janitorial equipment	210	386 979	27 577	7.1	Z	X
	12522	Nonpower janitorial equipment	128	179 546	7 898	4.4	Z	X
	12523	Janitorial supplies	518	1 194 410	94 849	7.9	.1	X
	12530	Laundry and dry-cleaning equipment and supplies	122	466 696	26 441	5.7	Z	X
	12540	Service establishment equipment and supplies, including municipal water treatment equipment	11	38 599	16 391	42.5	Z	64.3
	12542	Other service establishment equipment and supplies, including municipal water treatment equipment	7	4 416	816	18.5	Z	X
	12700	Sporting and recreational goods and supplies	22	82 167	14 147	17.2	Z	57.8
	12714	Camping and fishing equipment and accessories	6	59 244	6 830	11.5	Z	X
	12715	Athletic equipment and accessories	9	3 185	550	17.3	Z	X
	12718	Other sporting and recreational goods, including go-carts, bingo supplies, and playground equipment	7	17 517	5 833	33.3	Z	X
	12800	Toys and hobby goods and supplies	11	22 123	2 541	11.5	Z	X
	12940	Recyclable materials, excluding metals and paper	9	93 641	6 341	6.8	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	6	15 121	2 892	19.1	Z	X
	13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	6	19 804	1 293	6.5	Z	X
	13150	Miscellaneous durable goods	27	126 648	17 924	14.2	Z	28.7
	13154	Other miscellaneous durable goods	18	90 692	15 248	16.8	Z	X
	13160	Fire extinguishers and fire safety equipment	7	91 202	9 268	10.2	Z	X
	13200	Printing and writing paper	7	71 821	3 233	4.5	Z	X
	13300	Office paper, office supplies, greeting cards, and labels	23	86 524	6 727	7.8	Z	X
	13400	Paper and plastic products	528	2 705 279	359 426	13.3	.5	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	315	4 353 929	420 796	9.7	.6	X
	13600	Knit and woven piece goods	17	391 581	40 702	10.4	.1	39.6
	13612	Cotton, including blends	6	5 892	683	11.6	Z	X
	13613	Synthetics, excluding synthetic knits	6	277 306	19 525	7.0	Z	X
	13800	Men's and boys' wear	11	52 379	2 586	4.9	Z	X
	13900	Women's, misses', and girls' wear	10	256 233	11 809	4.6	Z	X
	14830	Canned food	6	46 287	6 512	14.1	Z	X
	14850	Soft drinks and bottled water	11	11 568	1 989	17.2	Z	63.5
	14852	Pre-mix and post-mix bulk soft drinks	7	7 965	1 679	21.1	Z	X
	14853	Bottled water	7	4 738	260	5.5	Z	X
	14860	Grocery specialties	32	864 690	130 720	15.1	.2	X
	14900	Grain, beans, and seeds	7	647 683	116 573	18.0	.2	X
	15300	Plastics materials and basic shapes	3 573	19 823 312	14 834 698	74.8	22.0	58.9
	15311	Plastic pipes, rods, tubes, and shapes	1 149	3 698 604	2 628 928	71.1	3.9	X
	15312	High pressure laminates	345	1 316 474	637 977	48.5	.9	X
	15313	Plastics raw materials	1 192	11 529 279	7 773 648	67.4	11.6	X
	15314	Other plastics materials and basic shapes	1 515	5 227 505	3 794 145	72.6	5.6	X
	15320	Industrial gases	1 103	2 731 476	1 659 502	60.8	2.5	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	9 286	51 286 176	41 130 884	80.2	61.1	54.1
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	835	3 221 205	837 643	26.0	1.2	X
	15332	Alkalies and chlorine	1 114	8 487 025	2 264 689	26.7	3.4	X
	15334	Organic fibers	113	934 095	372 738	39.9	.6	X
	15335	Detergents and soaps	2 348	8 909 283	2 159 324	24.2	3.2	X
	15336	Sanitation chemicals, polishes, and waxes	1 504	6 606 771	1 345 166	20.4	2.0	X
	15338	Wood chemicals, naval stores, and gum	180	2 040 148	123 222	6.0	.2	X
	15341	Nonagricultural insecticides	371	1 443 416	427 788	29.6	.6	X
	15342	Adhesives, sealants, and glues	1 453	8 172 542	1 941 422	23.8	2.9	X
	15343	Explosives	342	2 038 152	1 069 660	52.5	1.6	X
	15344	Other chemicals and allied products	5 902	43 201 881	30 589 232	70.8	45.5	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	301	2 583 575	325 489	12.6	.5	X
	15420	Liquefied petroleum (LP)	114	382 093	51 229	13.4	.1	X
	15520	Other petroleum products, including asphalt, road oil, and wax	9	25 849	1 951	7.5	Z	X
	15800	Farm supplies	310	2 216 950	305 867	13.8	.5	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	309	2 044 533	167 754	8.2	.2	X
	16100	Books, periodicals, newspapers, and other printed materials	10	47 909	964	2.0	Z	X
	16120	Art goods, including novelties and souvenirs	10	26 289	5 617	21.4	Z	59.6
	16121	Art goods	7	23 207	3 101	13.4	Z	X
	16122	Novelties and souvenirs	6	20 851	2 174	10.4	Z	X
	16130	Textile bags, bagging, and burlap	10	14 679	2 700	18.4	Z	X
	16150	Wigs, yarns, and leather products	15	188 849	34 261	18.1	.1	X
	19700	Service receipts and labor charges, including installed parts	1 325	3 690 413	298 321	8.1	.4	X
	19720	Receipts for service contracts	11	4 548	488	10.7	Z	X
	19740	Receipts for installing equipment	20	97 492	2 098	2.2	Z	X
	19810	Miscellaneous commodities	815	3 382 816	395 524	11.7	.6	X
	19940	Rental and operating lease receipts	914	2 597 221	322 013	12.4	.5	X
42461		Plastics materials and basic forms and shapes merchant wholesalers ...	3 241	X	15 883 080	X	100.0	75.7
	10520	Linens, domestics, curtains, and draperies	6	177 414	52 732	29.7	.3	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	9	62 103	10 800	17.4	.1	X
	10600	Rough, dressed, and finished dimensional lumber	14	76 874	7 465	9.7	Z	56.2
	10613	Boards	11	75 287	7 367	9.8	Z	X

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			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42461		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Plastics materials and basic forms and shapes merchant wholesalers— Con.						
	10620	Plywood and millwork	61	379 129	75 445	19.9	.5	40.6
	10621	Softwood plywood, softwood veneer, and oriented strand board (OSB)	10	83 727	14 894	17.8	.1	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	22	133 560	35 699	26.7	.2	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	27	112 131	19 425	17.3	.1	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	12	30 654	4 130	13.5	Z	47.6
	10714	Brick, block, tile, and clay or cement sewer pipe	10	23 166	3 609	15.6	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	14	42 249	8 100	19.2	.1	28.7
	10721	Nonwood roofing	9	18 335	748	4.1	Z	X
	10730	Flat glass and other construction glass	6	32 084	3 971	12.4	Z	X
	10740	Other construction products and materials	29	124 206	17 313	13.9	.1	X
	11000	Medical, hospital, and surgical supplies	6	88 469	14 612	16.5	.1	X
	11120	Flat iron and steel products	43	170 425	16 995	10.0	.1	X
	11140	Iron and steel wire and wire products	29	93 234	8 100	8.7	.1	X
	11150	Iron and steel pipes and tubing	69	275 889	41 296	15.0	.3	X
	11160	Other iron and steel products	8	13 977	635	4.5	Z	X
	11170	Alloy steel	11	244 599	57 973	23.7	.4	X
	11180	Stainless steel	11	55 114	1 271	2.3	Z	75.7
	11185	Other stainless steel, including tubing	6	45 079	941	2.1	Z	X
	11200	Copper and brass	76	447 268	30 019	6.7	.2	X
	11220	Aluminum shapes and forms, including pipes and tubing	84	251 429	25 413	10.1	.2	X
	11400	Electrical apparatus and equipment	18	55 273	14 930	27.0	.1	X
	11600	Electronic parts and equipment, excluding communications equipment . .	55	248 253	34 943	14.1	.2	X
	11700	Hardware	178	730 622	64 009	8.8	.4	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	69	483 957	74 650	15.4	.5	X
	11900	Forced air heating and air-conditioning equipment and supplies	11	38 596	6 194	16.0	Z	53.8
	11911	Forced air furnaces	6	21 119	1 151	5.5	Z	X
	11912	Central air-conditioners	6	21 119	1 151	5.5	Z	X
	11914	Heat pumps	11	38 596	3 538	9.2	Z	X
	12230	Food-processing machinery, equipment, and parts	8	73 856	13 818	18.7	.1	X
	12320	General-purpose industrial machinery, equipment, and parts	96	362 134	59 879	16.5	.4	X
	12340	Materials handling machinery, equipment, and parts	8	10 800	1 271	11.8	Z	X
	12360	Other industrial machinery, equipment, and parts	14	75 445	10 959	14.5	.1	70.2
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	6	69 098	8 546	12.4	.1	X
	12367	Used industrial machinery and equipment	6	5 053	2 160	42.7	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	20	297 331	83 227	28.0	.5	X
	12440	Welding supplies, excluding gases	8	6 671	159	2.4	Z	X
	12450	Industrial containers and supplies	44	71 633	7 147	10.0	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	79	309 244	21 124	6.8	.1	X
	12520	Janitorial equipment and supplies	21	69 568	9 848	14.2	.1	X
	12700	Sporting and recreational goods and supplies	6	59 244	6 830	11.5	Z	69.5
	12714	Camping and fishing equipment and accessories	6	59 244	6 830	11.5	Z	X
	12800	Toys and hobby goods and supplies	6	20 172	2 541	12.6	Z	X
	13150	Miscellaneous durable goods	18	90 692	15 248	16.8	.1	41.5
	13154	Other miscellaneous durable goods	18	90 692	15 248	16.8	.1	X
	13300	Office paper, office supplies, greeting cards, and labels	12	67 503	4 288	6.4	Z	X
	13400	Paper and plastic products	96	615 946	69 568	11.3	.4	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	11	140 565	14 930	10.6	.1	X
	13600	Knit and woven piece goods	6	64 326	11 436	17.8	.1	X
	14860	Grocery specialties	9	35 578	6 830	19.2	Z	X
	15300	Plastics materials and basic shapes	3 241	15 883 080	14 426 445	90.8	90.8	60.4
	15311	Plastic pipes, rods, tubes, and shapes	1 084	3 477 124	2 610 439	75.1	16.4	X
	15312	High pressure laminates	332	1 168 518	628 554	53.8	4.0	X
	15313	Plastics raw materials	1 042	8 131 184	7 440 942	91.5	46.8	X
	15314	Other plastics materials and basic shapes	1 396	4 841 480	3 746 510	77.4	23.6	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	386	2 336 083	250 953	10.7	1.6	65.9
	15332	Alkalies and chlorine	7	90 990	8 899	9.8	.1	X
	15334	Organic fibers	9	29 388	1 340	4.6	Z	X
	15335	Detergents and soaps	22	39 737	6 111	15.4	Z	X
	15336	Sanitation chemicals, polishes, and waxes	7	8 503	123	1.4	Z	X
	15342	Adhesives, sealants, and glues	289	1 448 932	100 772	7.0	.6	X
	15344	Other chemicals and allied products	93	903 176	132 229	14.6	.8	X
	15800	Farm supplies	21	142 154	11 277	7.9	.1	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	52	209 180	17 471	8.4	.1	X
	16150	Wigs, yarns, and leather products	6	99 110	29 384	29.6	.2	X
	19700	Service receipts and labor charges, including installed parts	203	573 538	59 879	10.4	.4	26.9
	19701	Labor charges for repair work	133	369 846	20 033	5.4	.1	X
	19702	Parts installed in repair work	48	167 066	5 135	3.1	Z	X
	19703	Other service receipts and labor charges	67	164 164	34 711	21.1	.2	X
	19740	Receipts for installing equipment	6	71 156	635	.9	Z	X
	19810	Miscellaneous commodities	261	894 217	104 987	11.7	.7	X
	19940	Rental and operating lease receipts	44	190 279	7 783	4.1	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
424610		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Plastics materials and basic forms and shapes merchant wholesalers . . .	3 241	X	15 883 080	X	100.0	75.7
	10520	Linens, domestics, curtains, and draperies	6	177 414	52 732	29.7	.3	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	9	62 103	10 800	17.4	.1	X
	10600	Rough, dressed, and finished dimensional lumber	14	76 874	7 465	9.7	Z	56.2
	10613	Boards	11	75 287	7 367	9.8	Z	X
	10620	Plywood and millwork	61	379 129	75 445	19.9	.5	40.6
	10621	Softwood plywood, softwood veneer, and oriented strand board (OSB)	10	83 727	14 894	17.8	.1	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	22	133 560	35 699	26.7	.2	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	27	112 131	19 425	17.3	.1	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	12	30 654	4 130	13.5	Z	47.6
	10714	Brick, block, tile, and clay or cement sewer pipe	10	23 166	3 609	15.6	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	14	42 249	8 100	19.2	.1	28.7
	10721	Nonwood roofing	9	18 335	748	4.1	Z	X
	10730	Flat glass and other construction glass	6	32 084	3 971	12.4	Z	X
	10740	Other construction products and materials	29	124 206	17 313	13.9	.1	X
	11000	Medical, hospital, and surgical supplies	6	88 469	14 612	16.5	.1	X
	11120	Flat iron and steel products	43	170 425	16 995	10.0	.1	X
	11140	Iron and steel wire and wire products	29	93 234	8 100	8.7	.1	X
	11150	Iron and steel pipes and tubing	69	275 889	41 296	15.0	.3	X
	11160	Other iron and steel products	8	13 977	635	4.5	Z	X
	11170	Alloy steel	11	244 599	57 973	23.7	.4	X
	11180	Stainless steel	11	55 114	1 271	2.3	Z	75.7
	11185	Other stainless steel, including tubing	6	45 079	941	2.1	Z	X
	11200	Copper and brass	76	447 268	30 019	6.7	.2	X
	11220	Aluminum shapes and forms, including pipes and tubing	84	251 429	25 413	10.1	.2	X
	11400	Electrical apparatus and equipment	18	55 273	14 930	27.0	.1	X
	11600	Electronic parts and equipment, excluding communications equipment . .	55	248 253	34 943	14.1	.2	X
	11700	Hardware	178	730 622	64 009	8.8	.4	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	69	483 957	74 650	15.4	.5	X
	11900	Forced air heating and air-conditioning equipment and supplies	11	38 596	6 194	16.0	Z	53.8
	11911	Forced air furnaces	6	21 119	1 151	5.5	Z	X
	11912	Central air-conditioners	6	21 119	1 151	5.5	Z	X
	11914	Heat pumps	11	38 596	3 538	9.2	Z	X
	12230	Food-processing machinery, equipment, and parts	8	73 856	13 818	18.7	.1	X
	12320	General-purpose industrial machinery, equipment, and parts	96	362 134	59 879	16.5	.4	X
	12340	Materials handling machinery, equipment, and parts	8	10 800	1 271	11.8	Z	X
	12360	Other industrial machinery, equipment, and parts	14	75 445	10 959	14.5	.1	70.2
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	6	69 098	8 546	12.4	.1	X
	12367	Used industrial machinery and equipment	6	5 053	2 160	42.7	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	20	297 331	83 227	28.0	.5	X
	12440	Welding supplies, excluding gases	8	6 671	159	2.4	Z	X
	12450	Industrial containers and supplies	44	71 633	7 147	10.0	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	79	309 244	21 124	6.8	.1	X
	12520	Janitorial equipment and supplies	21	69 568	9 848	14.2	.1	X
	12700	Sporting and recreational goods and supplies	6	59 244	6 830	11.5	Z	69.5
	12714	Camping and fishing equipment and accessories	6	59 244	6 830	11.5	Z	X
	12800	Toys and hobby goods and supplies	6	20 172	2 541	12.6	Z	X
	13150	Miscellaneous durable goods	18	90 692	15 248	16.8	.1	41.5
	13154	Other miscellaneous durable goods	18	90 692	15 248	16.8	.1	X
	13300	Office paper, office supplies, greeting cards, and labels	12	67 503	4 288	6.4	Z	X
	13400	Paper and plastic products	96	615 946	69 568	11.3	.4	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	11	140 565	14 930	10.6	.1	X
	13600	Knit and woven piece goods	6	64 326	11 436	17.8	.1	X
	14860	Grocery specialties	9	35 578	6 830	19.2	Z	X
	15300	Plastics materials and basic shapes	3 241	15 883 080	14 426 445	90.8	90.8	60.4
	15311	Plastic pipes, rods, tubes, and shapes	1 084	3 477 124	2 610 439	75.1	16.4	X
15312	High pressure laminates	332	1 168 518	628 554	53.8	4.0	X	
15313	Plastics raw materials	1 042	8 131 184	7 440 942	91.5	46.8	X	
15314	Other plastics materials and basic shapes	1 396	4 841 480	3 746 510	77.4	23.6	X	
15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	386	2 336 083	250 953	10.7	1.6	65.9	
15332	Alkalies and chlorine	7	90 990	8 899	9.8	.1	X	
15334	Organic fibers	9	29 388	1 340	4.6	Z	X	
15335	Detergents and soaps	22	39 737	6 111	15.4	Z	X	
15336	Sanitation chemicals, polishes, and waxes	7	8 503	1 123	1.4	Z	X	
15342	Adhesives, sealants, and glues	289	1 448 932	100 772	7.0	.6	X	
15344	Other chemicals and allied products	93	903 176	132 229	14.6	.8	X	
15800	Farm supplies	21	142 154	11 277	7.9	.1	X	
16000	Paint, paint supplies, wallpaper, and wallpaper supplies	52	209 180	17 471	8.4	.1	X	
16150	Wigs, yarns, and leather products	6	99 110	29 384	29.6	.2	X	
19700	Service receipts and labor charges, including installed parts	203	573 538	59 879	10.4	.4	26.9	
19701	Labor charges for repair work	133	369 846	20 033	5.4	.1	X	
19702	Parts installed in repair work	48	167 066	5 135	3.1	Z	X	
19703	Other service receipts and labor charges	67	164 164	34 711	21.1	.2	X	
19740	Receipts for installing equipment	6	71 156	635	.9	Z	X	
19810	Miscellaneous commodities	261	894 217	104 987	11.7	.7	X	
19940	Rental and operating lease receipts	44	190 279	7 783	4.1	Z	X	

See footnotes at end of table.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42469		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Other chemical and allied products merchant wholesalers	9 878	X	51 400 389	X	100.0	71.0
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	48	5 319 972	121 452	2.3	.2	X
	10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	9	17 070	2 926	17.1	Z	X
	10620	Plywood and millwork	7	5 257 545	525 801	10.0	1.0	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	14	54 136	5 854	10.8	Z	59.4
	10712	Cement and lime	6	10 684	100	.9	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	6	41 752	4 819	11.5	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	13	44 382	8 780	19.8	Z	X
	10740	Other construction products and materials	9	15 607	2 439	15.6	Z	X
	10900	Office equipment, excluding computers	7	14 144	2 439	17.2	Z	X
	10960	Restaurant and hotel equipment and supplies	23	21 323	2 465	11.6	Z	X
	11000	Medical, hospital, and surgical supplies	133	487 091	27 007	5.5	.1	X
	11050	Miscellaneous professional equipment and supplies	11	14 144	1 951	13.8	Z	71.0
	11054	Laboratory equipment and supplies	6	10 532	1 390	13.2	Z	X
	11056	Veterinarians' equipment and supplies	6	3 612	502	13.9	Z	X
	11120	Flat iron and steel products	61	5 772 985	1 603 928	27.8	3.1	X
	11140	Iron and steel wire and wire products	56	470 051	18 500	3.9	Z	X
	11150	Iron and steel pipes and tubing	53	642 733	10 889	1.7	Z	X
	11160	Other iron and steel products	6	9 474	1 516	16.0	Z	X
	11200	Copper and brass	48	559 127	14 171	2.5	Z	X
	11220	Aluminum shapes and forms, including pipes and tubing	29	380 136	9 808	2.6	Z	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	9	56 575	12 682	22.4	Z	X
	11400	Electrical apparatus and equipment	39	5 296 915	269 992	5.1	.5	X
	11600	Electronic parts and equipment, excluding communications equipment . .	123	6 730 409	554 369	8.2	1.1	X
	11700	Hardware	244	628 357	62 733	10.0	.1	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	73	169 236	21 461	12.7	Z	36.6
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	15	20 276	614	3.0	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	51	144 186	15 617	10.8	Z	X
	11813	Plumbing fixtures	29	121 467	3 086	2.5	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric . .	15	22 014	197	.9	Z	X
	11815	Boilers, radiators, and convectors	7	6 451	585	9.1	Z	X
	11818	Other plumbing and heating equipment and supplies	15	9 587	1 362	14.2	Z	X
	11900	Forced air heating and air-conditioning equipment and supplies	7	7 803	488	6.3	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	7	5 099	1 028	20.2	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	13	18 045	1 463	8.1	Z	X
	12200	Farm machinery, equipment, and parts	21	47 308	1 951	4.1	Z	X
	12220	Lawn and garden machinery, equipment, and parts	7	33 652	1 463	4.3	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	16	33 164	1 463	4.4	Z	59.3
	12311	Pumps	7	20 338	565	2.8	Z	X
	12313	Pump and motor parts	11	15 261	876	5.7	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	522	7 608 973	1 028 346	13.5	2.0	X
	12330	Metalworking machinery, equipment, and parts	40	79 852	10 118	12.7	Z	X
	12340	Materials handling machinery, equipment, and parts	16	30 911	2 345	7.6	Z	51.1
	12342	New hoists and cranes	6	24 692	1 015	4.1	Z	X
	12345	Used materials handling machinery, equipment, and parts	6	1 644	62	3.8	Z	X
	12360	Other industrial machinery, equipment, and parts	86	973 963	233 095	23.9	.5	X
	12370	Mechanical power transmission supplies	6	11 437	1 145	10.0	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	27	36 884	1 673	4.5	Z	X
	12390	Hydraulic and pneumatic valves	13	31 701	975	3.1	Z	71.0
	12391	Hydraulic valves	6	21 559	222	1.0	Z	X
	12392	Pneumatic valves	7	10 142	753	7.4	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	13	24 386	975	4.0	Z	33.0
	12412	Pneumatic cylinders and rotary actuators	10	21 745	880	4.0	Z	X
	12430	Other hydraulic and pneumatic accessories and parts	7	10 730	488	4.5	Z	X
	12440	Welding supplies, excluding gases	860	1 915 677	525 605	27.4	1.0	X
	12450	Industrial containers and supplies	322	1 211 292	45 470	3.8	.1	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	329	2 320 701	169 673	7.3	.3	X
	12520	Janitorial equipment and supplies	548	1 242 692	120 476	9.7	.2	48.7
	12521	Power janitorial equipment	206	381 009	27 370	7.2	.1	X
	12522	Nonpower janitorial equipment	124	178 028	7 743	4.3	Z	X
	12523	Janitorial supplies	504	1 132 329	85 363	7.5	.2	X
	12530	Laundry and dry-cleaning equipment and supplies	120	423 335	23 900	5.6	Z	X
	12540	Service establishment equipment and supplies, including municipal water treatment equipment	9	34 628	15 120	43.7	Z	71.0
	12542	Other service establishment equipment and supplies, including municipal water treatment equipment	7	4 416	816	18.5	Z	X
	12700	Sporting and recreational goods and supplies	16	22 923	7 317	31.9	Z	34.3
	12715	Athletic equipment and accessories	9	3 185	550	17.3	Z	X
	12718	Other sporting and recreational goods, including go-carts, bingo supplies, and playground equipment	7	17 517	5 833	33.3	Z	X
	12940	Recyclable materials, excluding metals and paper	9	93 641	6 341	6.8	Z	X
	13150	Miscellaneous durable goods	9	35 956	2 676	7.4	Z	X
	13160	Fire extinguishers and fire safety equipment	7	91 202	9 268	10.2	Z	X
	13300	Office paper, office supplies, greeting cards, and labels	11	19 021	2 439	12.8	Z	X
	13400	Paper and plastic products	432	2 089 333	289 858	13.9	.6	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	304	4 213 364	405 866	9.6	.8	X
	13600	Knit and woven piece goods	11	327 255	29 266	8.9	.1	X
	13800	Men's and boys' wear	9	46 820	1 951	4.2	Z	X

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			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—			
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42469		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.							
		Other chemical and allied products merchant wholesalers—Con.							
	13900	Women's, misses', and girls' wear	7	201 913	9 268	4.6	Z	X	
	14850	Soft drinks and bottled water	11	11 568	1 989	17.2	Z	62.5	
	14852	Pre-mix and post-mix bulk soft drinks	7	7 965	1 679	21.1	Z	X	
	14853	Bottled water	7	4 738	260	5.5	Z	X	
	14860	Grocery specialties	23	829 112	123 890	14.9	.2	X	
	14900	Grain, beans, and seeds	7	647 683	116 573	18.0	.2	X	
	15300	Plastics materials and basic shapes	332	3 940 232	408 253	10.4	.8	63.6	
	15311	Plastic pipes, rods, tubes, and shapes	65	221 480	18 489	8.3	Z	X	
	15312	High pressure laminates	13	147 956	9 423	6.4	Z	X	
	15313	Plastics raw materials	150	3 398 095	332 706	9.8	.6	X	
	15314	Other plastics materials and basic shapes	119	386 025	47 635	12.3	.1	X	
	15320	Industrial gases	1 101	2 729 570	1 659 502	60.8	3.2	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	8 900	48 950 093	40 879 931	83.5	79.5	52.8	
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	831	3 215 879	837 226	26.0	1.6	X	
	15332	Alkalies and chlorine	1 107	8 396 035	2 255 790	26.9	4.4	X	
	15334	Organic fibers	104	904 707	371 398	41.1	.7	X	
	15335	Detergents and soaps	2 326	8 869 546	2 153 213	24.3	4.2	X	
	15336	Sanitation chemicals, polishes, and waxes	1 497	6 598 268	1 345 043	20.4	2.6	X	
	15338	Wood chemicals, naval stores, and gum	178	2 024 496	122 165	6.0	.2	X	
	15341	Nonagricultural insecticides	367	1 440 216	427 783	29.7	.8	X	
	15342	Adhesives, sealants, and glues	1 164	6 723 610	1 840 650	27.4	3.6	X	
	15343	Explosives	342	2 038 152	1 069 660	52.5	2.1	X	
	15344	Other chemicals and allied products	5 809	42 298 705	30 457 003	72.0	59.3	X	
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	296	2 580 240	325 171	12.6	.6	X	
	15420	Liquefied petroleum (LP)	114	382 093	51 229	13.4	.1	X	
	15520	Other petroleum products, including asphalt, road oil, and wax	9	25 849	1 951	7.5	Z	X	
	15800	Farm supplies	289	2 074 796	294 590	14.2	.6	X	
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	257	1 835 353	150 283	8.2	.3	X	
	16100	Books, periodicals, newspapers, and other printed materials	7	4 389	488	11.1	Z	X	
	16120	Art goods, including novelties and souvenirs	7	8 023	1 805	22.5	Z	X	
	16150	Wigs, yarns, and leather products	9	89 739	4 877	5.4	Z	X	
	19700	Service receipts and labor charges, including installed parts	1 122	3 116 875	238 442	7.7	.5	X	
	19720	Receipts for service contracts	9	4 389	488	11.1	Z	X	
	19740	Receipts for installing equipment	14	26 336	1 463	5.6	Z	X	
	19810	Miscellaneous commodities	554	2 488 599	290 537	11.7	.6	X	
	19940	Rental and operating lease receipts	870	2 406 942	314 230	13.1	.6	X	
	424690		Other chemical and allied products merchant wholesalers	9 878	X	51 400 389	X	100.0	71.0
		10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	48	5 319 972	121 452	2.3	.2	X
		10540	Miscellaneous home furnishings, including household containers, flatware, pans, baskets, and kitchen utensils	9	17 070	2 926	17.1	Z	X
		10620	Plywood and millwork	7	5 257 545	525 801	10.0	1.0	X
		10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	14	54 136	5 854	10.8	Z	59.4
		10712	Cement and lime	6	10 684	100	.9	Z	X
		10714	Brick, block, tile, and clay or cement sewer pipe	6	41 752	4 819	11.5	Z	X
		10720	Nonwood roofing, nonwood siding, and insulation materials	13	44 382	8 780	19.8	Z	X
		10740	Other construction products and materials	9	15 607	2 439	15.6	Z	X
10900		Office equipment, excluding computers	7	14 144	2 439	17.2	Z	X	
10960		Restaurant and hotel equipment and supplies	23	21 323	2 465	11.6	Z	X	
11000		Medical, hospital, and surgical supplies	133	487 091	27 007	5.5	.1	X	
11050		Miscellaneous professional equipment and supplies	11	14 144	1 951	13.8	Z	71.0	
11054		Laboratory equipment and supplies	6	10 532	1 390	13.2	Z	X	
11056		Veterinarians' equipment and supplies	6	3 612	502	13.9	Z	X	
11120		Flat iron and steel products	61	5 772 985	1 603 928	27.8	3.1	X	
11140		Iron and steel wire and wire products	56	470 051	18 500	3.9	Z	X	
11150		Iron and steel pipes and tubing	53	642 733	10 889	1.7	Z	X	
11160		Other iron and steel products	6	9 474	1 516	16.0	Z	X	
11200		Copper and brass	48	559 127	14 171	2.5	Z	X	
11220		Aluminum shapes and forms, including pipes and tubing	29	380 136	9 808	2.6	Z	X	
11230		Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	9	56 575	12 682	22.4	Z	X	
11400		Electrical apparatus and equipment	39	5 296 915	269 992	5.1	.5	X	
11600		Electronic parts and equipment, excluding communications equipment ..	123	6 730 409	554 369	8.2	1.1	X	
11700		Hardware	244	628 357	62 733	10.0	.1	X	
11800		Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	73	169 236	21 461	12.7	Z	36.6	
11811		Plastic pipe fittings and valves, excluding pipes and tubing	15	20 276	614	3.0	Z	X	
11812		Metal pipe fittings and valves, excluding pipes and tubing	51	144 186	15 617	10.8	Z	X	
11813		Plumbing fixtures	29	121 467	3 086	2.5	Z	X	
11814		Hydronic and gas furnaces, stoves, water heaters, excluding electric ..	15	22 014	197	.9	Z	X	
11815		Boilers, radiators, and convectors	7	6 451	585	9.1	Z	X	
11818		Other plumbing and heating equipment and supplies	15	9 587	1 362	14.2	Z	X	
11900		Forced air heating and air-conditioning equipment and supplies	7	7 803	488	6.3	Z	X	
12000		Refrigeration equipment and supplies, including commercial refrigerators	7	5 099	1 028	20.2	Z	X	
12100		Construction and mining machinery and equipment, including parts and attachments	13	18 045	1 463	8.1	Z	X	
12200		Farm machinery, equipment, and parts	21	47 308	1 951	4.1	Z	X	
12220		Lawn and garden machinery, equipment, and parts	7	33 652	1 463	4.3	Z	X	
12300		Hydraulic and pneumatic pumps, motors, and parts	16	33 164	1 463	4.4	Z	59.3	
12311		Pumps	7	20 338	565	2.8	Z	X	
12313		Pump and motor parts	11	15 261	876	5.7	Z	X	

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
424690		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Other chemical and allied products merchant wholesalers—Con.						
	12320	General-purpose industrial machinery, equipment, and parts	522	7 608 973	1 028 346	13.5	2.0	X
	12330	Metalworking machinery, equipment, and parts	40	79 852	10 118	12.7	Z	X
	12340	Materials handling machinery, equipment, and parts	16	30 911	2 345	7.6	Z	51.1
	12342	New hoists and cranes	6	24 692	1 015	4.1	Z	X
	12345	Used materials handling machinery, equipment, and parts	6	1 644	62	3.8	Z	X
	12360	Other industrial machinery, equipment, and parts	86	973 963	233 095	23.9	.5	X
	12370	Mechanical power transmission supplies	6	11 437	1 145	10.0	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	27	36 884	1 673	4.5	Z	X
	12390	Hydraulic and pneumatic valves	13	31 701	975	3.1	Z	71.0
	12391	Hydraulic valves	6	21 559	222	1.0	Z	X
	12392	Pneumatic valves	7	10 142	753	7.4	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	13	24 386	975	4.0	Z	33.0
	12412	Pneumatic cylinders and rotary actuators	10	21 745	880	4.0	Z	X
	12430	Other hydraulic and pneumatic accessories and parts	7	10 730	488	4.5	Z	X
	12440	Welding supplies, excluding gases	860	1 915 677	525 605	27.4	1.0	X
	12450	Industrial containers and supplies	322	1 211 292	45 470	3.8	.1	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	329	2 320 701	169 673	7.3	.3	X
	12520	Janitorial equipment and supplies	548	1 242 692	120 476	9.7	.2	48.7
	12521	Power janitorial equipment	206	381 009	27 370	7.2	.1	X
	12522	Nonpower janitorial equipment	124	178 028	7 743	4.3	Z	X
	12523	Janitorial supplies	504	1 132 329	85 363	7.5	.2	X
	12530	Laundry and dry-cleaning equipment and supplies	120	423 335	23 900	5.6	Z	X
	12540	Service establishment equipment and supplies, including municipal water treatment equipment	9	34 628	15 120	43.7	Z	71.0
	12542	Other service establishment equipment and supplies, including municipal water treatment equipment	7	4 416	816	18.5	Z	X
	12700	Sporting and recreational goods and supplies	16	22 923	7 317	31.9	Z	34.3
	12715	Athletic equipment and accessories	9	3 185	550	17.3	Z	X
	12718	Other sporting and recreational goods, including go-carts, bingo supplies, and playground equipment	7	17 517	5 833	33.3	Z	X
	12940	Recyclable materials, excluding metals and paper	9	93 641	6 341	6.8	Z	X
	13150	Miscellaneous durable goods	9	35 956	2 676	7.4	Z	X
	13160	Fire extinguishers and fire safety equipment	7	91 202	9 268	10.2	Z	X
	13300	Office paper, office supplies, greeting cards, and labels	11	19 021	2 439	12.8	Z	X
	13400	Paper and plastic products	432	2 089 333	289 858	13.9	.6	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	304	4 213 364	405 866	9.6	.8	X
	13600	Knit and woven piece goods	11	327 255	29 266	8.9	.1	X
	13800	Men's and boys' wear	9	46 820	1 951	4.2	Z	X
	13900	Women's, misses', and girls' wear	7	201 913	9 268	4.6	Z	X
	14850	Soft drinks and bottled water	11	11 568	1 989	17.2	Z	62.5
	14852	Pre-mix and post-mix bulk soft drinks	7	7 965	1 679	21.1	Z	X
	14853	Bottled water	7	4 738	260	5.5	Z	X
	14860	Grocery specialties	23	829 112	123 890	14.9	.2	X
	14900	Grain, beans, and seeds	7	647 683	116 573	18.0	.2	X
	15300	Plastics materials and basic shapes	332	3 940 232	408 253	10.4	.8	63.6
	15311	Plastic pipes, rods, tubes, and shapes	65	221 480	18 489	8.3	Z	X
	15312	High pressure laminates	13	147 956	9 423	6.4	Z	X
	15313	Plastics raw materials	150	3 398 095	332 706	9.8	.6	X
	15314	Other plastics materials and basic shapes	119	386 025	47 635	12.3	.1	X
	15320	Industrial gases	1 101	2 729 570	1 659 502	60.8	3.2	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	8 900	48 950 093	40 879 931	83.5	79.5	52.8
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	831	3 215 879	837 226	26.0	1.6	X
	15332	Alkalies and chlorine	1 107	8 396 035	2 255 790	26.9	4.4	X
	15334	Organic fibers	104	904 707	371 398	41.1	.7	X
	15335	Detergents and soaps	2 326	8 869 546	2 153 213	24.3	4.2	X
	15336	Sanitation chemicals, polishes, and waxes	1 497	6 598 268	1 345 043	20.4	2.6	X
15338	Wood chemicals, naval stores, and gum	178	2 024 496	122 165	6.0	.2	X	
15341	Nonagricultural insecticides	367	1 440 216	427 783	29.7	.8	X	
15342	Adhesives, sealants, and glues	1 164	6 723 610	1 840 650	27.4	3.6	X	
15343	Explosives	342	2 038 152	1 069 660	52.5	2.1	X	
15344	Other chemicals and allied products	5 809	42 298 705	30 457 003	72.0	59.3	X	
15400	Refined petroleum products, excluding liquefied petroleum (LP)	296	2 580 240	325 171	12.6	.6	X	
15420	Liquefied petroleum (LP)	114	382 093	51 229	13.4	.1	X	
15520	Other petroleum products, including asphalt, road oil, and wax	9	25 849	1 951	7.5	Z	X	
15800	Farm supplies	289	2 074 796	294 590	14.2	.6	X	
16000	Paint, paint supplies, wallpaper, and wallpaper supplies	257	1 835 353	150 283	8.2	.3	X	
16100	Books, periodicals, newspapers, and other printed materials	7	4 389	488	11.1	Z	X	
16120	Art goods, including novelties and souvenirs	7	8 023	1 805	22.5	Z	X	
16150	Wigs, yarns, and leather products	9	89 739	4 877	5.4	Z	X	
19700	Service receipts and labor charges, including installed parts	1 122	3 116 875	238 442	7.7	.5	X	
19720	Receipts for service contracts	9	4 389	488	11.1	Z	X	
19740	Receipts for installing equipment	14	26 336	1 463	5.6	Z	X	
19810	Miscellaneous commodities	554	2 488 599	290 537	11.7	.6	X	
19940	Rental and operating lease receipts	870	2 406 942	314 230	13.1	.6	X	
4247		Petroleum and petroleum products merchant wholesalers	6 955	X	208 201 992	X	100.0	78.4
10200		New and rebuilt automotive parts and supplies, and trailer parts and supplies	332	2 911 632	181 681	6.2	.1	X
10250		Petroleum products marketing equipment	220	2 965 287	48 556	1.6	Z	X
10300		Tires and tubes	260	1 451 549	47 679	3.3	Z	X
11650		Communications equipment and supplies	7	2 921 746	32 108	1.1	Z	X
11700		Hardware	180	1 918 709	29 017	1.5	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)	
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—			
						Estab- lishments with the product line	All estab- lishments ²		
4247		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.							
		Petroleum and petroleum products merchant wholesalers—Con.							
	11900	Forced air heating and air-conditioning equipment and supplies	10	57 395	2 309	4.0	Z	X	
	12320	General-purpose industrial machinery, equipment, and parts	205	1 783 886	38 097	2.1	Z	X	
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies ...	57	1 035 947	118 165	11.4	.1	X	
	12440	Welding supplies, excluding gases	12	19 771	2 741	13.9	Z	X	
	14400	Confectioneries	16	36 951	2 694	7.3	Z	X	
	14860	Grocery specialties	232	4 387 279	512 319	11.7	.2	X	
	14900	Grain, beans, and seeds	9	12 076 175	157 601	1.3	.1	X	
	15320	Industrial gases	12	155 403	23 334	15.0	Z	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	424	29 313 731	761 868	2.6	.4	X	
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	6 301	169 826 068	132 640 699	78.1	63.7	76.3	
	15411	Aviation gasoline	549	18 507 249	1 044 831	5.6	.5	X	
	15412	Motor gasoline	4 692	159 575 098	67 302 029	42.2	32.3	X	
	15413	Special naphtha	137	26 253 363	1 763 443	6.7	.8	X	
	15414	Jet fuel, naphtha or kerosene	1 487	99 644 299	6 710 088	6.7	3.2	X	
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	4 294	135 015 317	35 493 465	26.3	17.0	X	
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	1 350	37 857 676	5 050 623	13.3	2.4	X	
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	305	70 695 500	9 633 081	13.6	4.6	X	
	15418	Lubricating oil and greases	3 701	54 742 838	5 643 139	10.3	2.7	X	
	15420	Liquefied petroleum (LP)	712	36 649 499	7 303 344	19.9	3.5	X	
	15500	Crude oil	198	99 047 947	52 761 305	53.3	25.3	X	
	15520	Other petroleum products, including asphalt, road oil, and wax	380	32 489 096	2 464 124	7.6	1.2	X	
	15800	Farm supplies	169	3 843 917	120 905	3.1	.1	X	
	15900	Tobacco and tobacco products	21	99 960	15 960	16.0	Z	X	
	16150	Wigs, yarns, and leather products	7	36 239	8 787	24.2	Z	X	
	19700	Service receipts and labor charges, including installed parts	647	10 075 778	264 621	2.6	.1	X	
	19810	Miscellaneous commodities	673	38 004 135	6 067 767	16.0	2.9	X	
	19840	Pipeline transportation receipts	18	139 304	12 123	8.7	Z	X	
	19940	Rental and operating lease receipts	399	5 903 379	96 583	1.6	Z	X	
	42471		Petroleum bulk stations and terminals	3 954	X	99 260 996	X	100.0	77.6
		10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	223	2 326 619	113 049	4.9	.1	X
		10250	Petroleum products marketing equipment	169	2 506 645	39 841	1.6	Z	X
		10300	Tires and tubes	214	1 304 479	45 500	3.5	Z	X
		11700	Hardware	141	1 472 051	20 302	1.4	Z	X
		11900	Forced air heating and air-conditioning equipment and supplies	10	57 395	2 309	4.0	Z	X
		12320	General-purpose industrial machinery, equipment, and parts	138	1 617 206	28 292	1.7	Z	X
		12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies ...	34	815 886	11 404	1.4	Z	X
		12440	Welding supplies, excluding gases	7	17 592	2 741	15.6	Z	X
		14400	Confectioneries	16	36 951	2 694	7.3	Z	X
		14860	Grocery specialties	179	3 929 727	472 011	12.0	.5	X
		14900	Grain, beans, and seeds	7	1 513 256	105 310	7.0	.1	X
		15320	Industrial gases	7	153 224	23 334	15.2	Z	X
		15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	294	4 240 961	249 850	5.9	.3	X
		15400	Refined petroleum products, excluding liquefied petroleum (LP)	3 766	81 650 315	72 237 878	88.5	72.8	74.0
		15411	Aviation gasoline	389	9 217 052	327 842	3.6	.3	X
		15412	Motor gasoline	3 060	74 677 719	33 111 879	44.3	33.4	X
15413		Special naphtha	95	2 851 518	265 438	9.3	.3	X	
15414		Jet fuel, naphtha or kerosene	1 083	38 005 039	1 756 403	4.6	1.8	X	
15415		No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	2 847	70 386 899	23 657 414	33.6	23.8	X	
15416		All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	1 010	30 532 034	4 600 013	15.1	4.6	X	
15417		Residual fuel oil, including no. 5 and no. 6 heavy diesel	177	13 419 176	4 235 431	31.6	4.3	X	
15418		Lubricating oil and greases	2 650	28 609 308	4 283 458	15.0	4.3	X	
15420		Liquefied petroleum (LP)	455	17 478 063	3 988 302	22.8	4.0	X	
15500		Crude oil	80	27 312 480	15 610 618	57.2	15.7	X	
15520		Other petroleum products, including asphalt, road oil, and wax	123	8 623 392	967 290	11.2	1.0	X	
15800		Farm supplies	146	891 616	59 899	6.7	.1	X	
15900		Tobacco and tobacco products	16	49 847	2 887	5.8	Z	X	
19700		Service receipts and labor charges, including installed parts	496	8 258 642	203 615	2.5	.2	X	
19810		Miscellaneous commodities	432	17 919 773	4 847 640	27.1	4.9	X	
19840		Pipeline transportation receipts	16	130 589	7 765	5.9	Z	X	
19940		Rental and operating lease receipts	285	4 410 887	78 063	1.8	.1	X	
424710			Petroleum bulk stations and terminals	3 954	X	99 260 996	X	100.0	77.6
		10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	223	2 326 619	113 049	4.9	.1	X
		10250	Petroleum products marketing equipment	169	2 506 645	39 841	1.6	Z	X
		10300	Tires and tubes	214	1 304 479	45 500	3.5	Z	X
		11700	Hardware	141	1 472 051	20 302	1.4	Z	X
		11900	Forced air heating and air-conditioning equipment and supplies	10	57 395	2 309	4.0	Z	X
		12320	General-purpose industrial machinery, equipment, and parts	138	1 617 206	28 292	1.7	Z	X
		12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies ...	34	815 886	11 404	1.4	Z	X
		12440	Welding supplies, excluding gases	7	17 592	2 741	15.6	Z	X
		14400	Confectioneries	16	36 951	2 694	7.3	Z	X
		14860	Grocery specialties	179	3 929 727	472 011	12.0	.5	X
		14900	Grain, beans, and seeds	7	1 513 256	105 310	7.0	.1	X
		15320	Industrial gases	7	153 224	23 334	15.2	Z	X
		15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	294	4 240 961	249 850	5.9	.3	X
		15400	Refined petroleum products, excluding liquefied petroleum (LP)	3 766	81 650 315	72 237 878	88.5	72.8	74.0
	15411	Aviation gasoline	389	9 217 052	327 842	3.6	.3	X	
	15412	Motor gasoline	3 060	74 677 719	33 111 879	44.3	33.4	X	
	15413	Special naphtha	95	2 851 518	265 438	9.3	.3	X	

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			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
424710		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Petroleum bulk stations and terminals—Con.						
	15400	Refined petroleum products, excluding liquefied petroleum (LP)—Con.						
	15414	Jet fuel, naphtha or kerosene	1 083	38 005 039	1 756 403	4.6	1.8	X
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	2 847	70 386 899	23 657 414	33.6	23.8	X
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	1 010	30 532 034	4 600 013	15.1	4.6	X
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	177	13 419 176	4 235 431	31.6	4.3	X
	15418	Lubricating oil and greases	2 650	28 609 308	4 283 458	15.0	4.3	X
	15420	Liquefied petroleum (LP)	455	17 478 063	3 988 302	22.8	4.0	X
	15500	Crude oil	80	27 312 480	15 610 618	57.2	15.7	X
	15520	Other petroleum products, including asphalt, road oil, and wax	123	8 623 392	967 290	11.2	1.0	X
	15800	Farm supplies	146	891 616	59 899	6.7	.1	X
	15900	Tobacco and tobacco products	16	49 847	2 887	5.8	Z	X
	19700	Service receipts and labor charges, including installed parts	496	8 258 642	203 615	2.5	.2	X
	19810	Miscellaneous commodities	432	17 919 773	4 847 640	27.1	4.9	X
	19840	Pipeline transportation receipts	16	130 589	7 765	5.9	Z	X
	19940	Rental and operating lease receipts	285	4 410 887	78 063	1.8	.1	X
42472		Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 001	X	108 940 996	X	100.0	79.1
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	109	585 013	68 632	11.7	.1	X
	10250	Petroleum products marketing equipment	51	458 642	8 715	1.9	Z	X
	10300	Tires and tubes	46	147 070	2 179	1.5	Z	X
	11700	Hardware	39	446 658	8 715	2.0	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	67	166 680	9 805	5.9	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies . . .	23	220 061	106 761	48.5	.1	X
	14860	Grocery specialties	53	457 552	40 308	8.8	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	130	25 072 770	512 018	2.0	.5	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	2 535	88 175 753	60 402 821	68.5	55.4	78.4
	15411	Aviation gasoline	160	9 290 197	716 989	7.7	.7	X
	15412	Motor gasoline	1 632	84 897 379	34 190 150	40.3	31.4	X
	15413	Special naphtha	42	23 401 845	1 498 005	6.4	1.4	X
	15414	Jet fuel, naphtha or kerosene	404	61 639 260	4 953 685	8.0	4.5	X
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	1 447	64 628 418	11 836 051	18.3	10.9	X
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	340	7 325 642	450 610	6.2	.4	X
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	128	57 276 324	5 397 650	9.4	5.0	X
	15418	Lubricating oil and greases	1 051	26 133 530	1 359 681	5.2	1.2	X
	15420	Liquefied petroleum (LP)	257	19 171 436	3 315 042	17.3	3.0	X
	15500	Crude oil	118	71 735 467	37 150 687	51.8	34.1	X
	15520	Other petroleum products, including asphalt, road oil, and wax	257	23 865 704	1 496 834	6.3	1.4	X
	15800	Farm supplies	23	2 952 301	61 006	2.1	.1	X
	19700	Service receipts and labor charges, including installed parts	151	1 817 136	61 006	3.4	.1	X
	19810	Miscellaneous commodities	241	20 084 362	1 220 127	6.1	1.1	X
	19940	Rental and operating lease receipts	114	1 492 492	18 520	1.2	Z	X
424720		Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3 001	X	108 940 996	X	100.0	79.1
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	109	585 013	68 632	11.7	.1	X
	10250	Petroleum products marketing equipment	51	458 642	8 715	1.9	Z	X
	10300	Tires and tubes	46	147 070	2 179	1.5	Z	X
	11700	Hardware	39	446 658	8 715	2.0	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	67	166 680	9 805	5.9	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies . . .	23	220 061	106 761	48.5	.1	X
	14860	Grocery specialties	53	457 552	40 308	8.8	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	130	25 072 770	512 018	2.0	.5	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	2 535	88 175 753	60 402 821	68.5	55.4	78.4
	15411	Aviation gasoline	160	9 290 197	716 989	7.7	.7	X
	15412	Motor gasoline	1 632	84 897 379	34 190 150	40.3	31.4	X
	15413	Special naphtha	42	23 401 845	1 498 005	6.4	1.4	X
	15414	Jet fuel, naphtha or kerosene	404	61 639 260	4 953 685	8.0	4.5	X
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	1 447	64 628 418	11 836 051	18.3	10.9	X
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	340	7 325 642	450 610	6.2	.4	X
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	128	57 276 324	5 397 650	9.4	5.0	X
	15418	Lubricating oil and greases	1 051	26 133 530	1 359 681	5.2	1.2	X
	15420	Liquefied petroleum (LP)	257	19 171 436	3 315 042	17.3	3.0	X
	15500	Crude oil	118	71 735 467	37 150 687	51.8	34.1	X
	15520	Other petroleum products, including asphalt, road oil, and wax	257	23 865 704	1 496 834	6.3	1.4	X
	15800	Farm supplies	23	2 952 301	61 006	2.1	.1	X
	19700	Service receipts and labor charges, including installed parts	151	1 817 136	61 006	3.4	.1	X
	19810	Miscellaneous commodities	241	20 084 362	1 220 127	6.1	1.1	X
	19940	Rental and operating lease receipts	114	1 492 492	18 520	1.2	Z	X
4246		MANUFACTURERS' SALES BRANCHES AND OFFICES						
		Chemical and allied products merchant wholesalers	1 431	X	48 602 751	X	100.0	50.9
	11000	Medical, hospital, and surgical supplies	29	593 362	14 367	2.4	Z	X
	11220	Aluminum shapes and forms, including pipes and tubing	22	106 968	10 745	10.0	Z	X
	11400	Electrical apparatus and equipment	38	1 882 771	361 032	19.2	.7	X
	11600	Electronic parts and equipment, excluding communications equipment . .	47	1 987 808	155 039	7.8	.3	X
	11650	Communications equipment and supplies	10	570 003	12 423	2.2	Z	X
	11700	Hardware	27	1 000 538	9 174	.9	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)	
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—			
						Estab- lishments with the product line	All estab- lishments ²		
4246		MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.							
		Chemical and allied products merchant wholesalers—Con.							
	12320	General-purpose industrial machinery, equipment, and parts	64	543 929	13 275	2.4	Z	X	
	12440	Welding supplies, excluding gases	136	577 275	158 325	27.4	.3	X	
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	7	96 403	15 981	16.6	Z	X	
	12520	Janitorial equipment and supplies	59	654 120	209 594	32.0	.4	50.2	
	12521	Power janitorial equipment	47	496 778	21 282	4.3	Z	X	
	12522	Nonpower janitorial equipment	47	486 057	28 184	5.8	.1	X	
	12523	Janitorial supplies	57	651 288	160 128	24.6	.3	X	
	13400	Paper and plastic products	56	1 230 310	105 677	8.6	.2	X	
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	7	6 693 599	965 094	14.4	2.0	X	
	15300	Plastics materials and basic shapes	230	14 132 306	11 785 628	83.4	24.2	39.3	
	15311	Plastic pipes, rods, tubes, and shapes	51	6 725 876	1 502 627	22.3	3.1	X	
	15312	High pressure laminates	45	1 438 701	1 288 921	89.6	2.7	X	
	15313	Plastics raw materials	63	3 570 273	1 530 216	42.9	3.1	X	
	15314	Other plastics materials and basic shapes	125	9 413 197	7 463 864	79.3	15.4	X	
	15320	Industrial gases	347	3 172 005	2 189 491	69.0	4.5	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	1 008	36 359 069	31 135 634	85.6	64.1	28.1	
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	74	1 124 515	830 337	73.8	1.7	X	
	15332	Alkalies and chlorine	8	2 322 297	2 152 597	92.7	4.4	X	
	15335	Detergents and soaps	226	10 416 945	8 009 460	76.9	16.5	X	
	15336	Sanitation chemicals, polishes, and waxes	70	2 540 109	996 710	39.2	2.1	X	
	15338	Wood chemicals, naval stores, and gum	23	221 236	130 489	59.0	.3	X	
	15341	Nonagricultural insecticides	24	397 951	107 969	27.1	.2	X	
	15342	Adhesives, sealants, and glues	55	3 183 381	842 156	26.5	1.7	X	
	15343	Explosives	130	1 077 072	960 000	89.1	2.0	X	
	15344	Other chemicals and allied products	661	24 763 513	16 808 538	67.9	34.6	X	
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	29	128 971	4 972	3.9	Z	X	
	15420	Liquefied petroleum (LP)	7	10 274	1 370	13.3	Z	X	
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	16	773 642	75 687	9.8	.2	X	
	19700	Service receipts and labor charges, including installed parts	82	5 292 584	670 212	12.7	1.4	X	
	19810	Miscellaneous commodities	40	854 990	73 866	8.6	.2	X	
	19940	Rental and operating lease receipts	44	386 485	37 216	9.6	.1	X	
	42461		Plastics materials and basic forms and shapes merchant wholesalers ...	192	X	11 938 436	X	100.0	60.1
		11220	Aluminum shapes and forms, including pipes and tubing	22	106 968	10 745	10.0	.1	X
		11600	Electronic parts and equipment, excluding communications equipment ..	8	148 395	8 118	5.5	.1	X
		11700	Hardware	22	929 646	955	.1	Z	X
		12320	General-purpose industrial machinery, equipment, and parts	10	140 635	3 343	2.4	Z	X
		15300	Plastics materials and basic shapes	192	11 938 436	11 514 388	96.4	96.4	46.5
		15311	Plastic pipes, rods, tubes, and shapes	51	6 725 876	1 502 627	22.3	12.6	X
		15312	High pressure laminates	45	1 438 701	1 288 921	89.6	10.8	X
		15313	Plastics raw materials	59	2 860 688	1 365 606	47.7	11.4	X
15314		Other plastics materials and basic shapes	91	7 928 912	7 357 234	92.8	61.6	X	
15330		Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	40	1 795 421	249 270	13.9	2.1	45.9	
15342		Adhesives, sealants, and glues	23	874 783	20 665	2.4	.2	X	
15344		Other chemicals and allied products	18	920 638	228 605	24.8	1.9	X	
19810		Miscellaneous commodities	28	257 035	39 276	15.3	.3	X	
424610		Plastics materials and basic forms and shapes merchant wholesalers ...	192	X	11 938 436	X	100.0	60.1	
	11220	Aluminum shapes and forms, including pipes and tubing	22	106 968	10 745	10.0	.1	X	
	11600	Electronic parts and equipment, excluding communications equipment ..	8	148 395	8 118	5.5	.1	X	
	11700	Hardware	22	929 646	955	.1	Z	X	
	12320	General-purpose industrial machinery, equipment, and parts	10	140 635	3 343	2.4	Z	X	
	15300	Plastics materials and basic shapes	192	11 938 436	11 514 388	96.4	96.4	46.5	
	15311	Plastic pipes, rods, tubes, and shapes	51	6 725 876	1 502 627	22.3	12.6	X	
	15312	High pressure laminates	45	1 438 701	1 288 921	89.6	10.8	X	
	15313	Plastics raw materials	59	2 860 688	1 365 606	47.7	11.4	X	
	15314	Other plastics materials and basic shapes	91	7 928 912	7 357 234	92.8	61.6	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	40	1 795 421	249 270	13.9	2.1	45.9	
	15342	Adhesives, sealants, and glues	23	874 783	20 665	2.4	.2	X	
	15344	Other chemicals and allied products	18	920 638	228 605	24.8	1.9	X	
	19810	Miscellaneous commodities	28	257 035	39 276	15.3	.3	X	
42469		Other chemical and allied products merchant wholesalers	1 239	X	36 664 315	X	100.0	47.9	
	11000	Medical, hospital, and surgical supplies	29	593 362	14 367	2.4	Z	X	
	11400	Electrical apparatus and equipment	36	1 836 330	359 599	19.6	1.0	X	
	11600	Electronic parts and equipment, excluding communications equipment ..	39	1 839 413	146 921	8.0	.4	X	
	12320	General-purpose industrial machinery, equipment, and parts	54	403 294	9 932	2.5	Z	X	
	12440	Welding supplies, excluding gases	136	577 275	158 325	27.4	.4	X	
	12520	Janitorial equipment and supplies	59	654 120	209 594	32.0	.6	47.2	
	12521	Power janitorial equipment	47	496 778	21 282	4.3	.1	X	
	12522	Nonpower janitorial equipment	47	486 057	28 184	5.8	.1	X	
	12523	Janitorial supplies	57	651 288	160 128	24.6	.4	X	
	13400	Paper and plastic products	51	1 106 867	77 742	7.0	.2	X	
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	7	6 693 599	965 094	14.4	2.6	X	
	15300	Plastics materials and basic shapes	38	2 193 870	271 240	12.4	.7	36.6	
	15314	Other plastics materials and basic shapes	34	1 484 285	106 630	7.2	.3	X	
	15320	Industrial gases	347	3 172 005	2 189 491	69.0	6.0	X	

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Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42469		MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Other chemical and allied products merchant wholesalers—Con.						
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	968	34 563 648	30 886 364	89.4	84.2	25.8
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	74	1 124 515	830 337	73.8	2.3	X
	15332	Alkalies and chlorine	8	2 322 297	2 152 597	92.7	5.9	X
	15335	Detergents and soaps	226	10 416 945	8 009 460	76.9	21.8	X
	15336	Sanitation chemicals, polishes, and waxes	70	2 540 109	996 710	39.2	2.7	X
	15338	Wood chemicals, naval stores, and gum	23	221 236	130 489	59.0	.4	X
	15341	Nonagricultural insecticides	24	397 951	107 969	27.1	.3	X
	15342	Adhesives, sealants, and glues	32	2 308 598	821 491	35.6	2.2	X
	15343	Explosives	130	1 077 072	960 000	89.1	2.6	X
	15344	Other chemicals and allied products	643	23 842 875	16 579 933	69.5	45.2	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	29	128 971	4 972	3.9	Z	X
	15420	Liquefied petroleum (LP)	7	10 274	1 370	13.3	Z	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	16	773 642	75 687	9.8	.2	X
	19700	Service receipts and labor charges, including installed parts	77	1 700 906	657 915	38.7	1.8	34.5
	19701	Labor charges for repair work	30	33 060	784	2.4	Z	X
	19702	Parts installed in repair work	24	8 550	283	3.3	Z	X
	19703	Other service receipts and labor charges	47	1 667 846	656 848	39.4	1.8	X
	19810	Miscellaneous commodities	12	597 955	34 590	5.8	.1	X
	19940	Rental and operating lease receipts	42	373 114	37 097	9.9	.1	X
424690		Other chemical and allied products merchant wholesalers	1 239	X	36 664 315	X	100.0	47.9
	11000	Medical, hospital, and surgical supplies	29	593 362	14 367	2.4	Z	X
	11400	Electrical apparatus and equipment	36	1 836 330	359 599	19.6	1.0	X
	11600	Electronic parts and equipment, excluding communications equipment ..	39	1 839 413	146 921	8.0	.4	X
	12320	General-purpose industrial machinery, equipment, and parts	54	403 294	9 932	2.5	Z	X
	12440	Welding supplies, excluding gases	136	577 275	158 325	27.4	.4	X
	12520	Janitorial equipment and supplies	59	654 120	209 594	32.0	.6	47.2
	12521	Power janitorial equipment	47	496 778	21 282	4.3	.1	X
	12522	Nonpower janitorial equipment	47	486 057	28 184	5.8	.1	X
	12523	Janitorial supplies	57	651 288	160 128	24.6	.4	X
	13400	Paper and plastic products	51	1 106 867	77 742	7.0	.2	X
	13500	Pharmaceuticals, pharmaceutical supplies, cosmetics, and toiletries	7	6 693 599	965 094	14.4	2.6	X
	15300	Plastics materials and basic shapes	38	2 193 870	271 240	12.4	.7	36.6
	15314	Other plastics materials and basic shapes	34	1 484 285	106 630	7.2	.3	X
	15320	Industrial gases	347	3 172 005	2 189 491	69.0	6.0	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	968	34 563 648	30 886 364	89.4	84.2	25.8
	15331	Compressed and liquefied gases, excluding liquefied petroleum (LP) ..	74	1 124 515	830 337	73.8	2.3	X
	15332	Alkalies and chlorine	8	2 322 297	2 152 597	92.7	5.9	X
	15335	Detergents and soaps	226	10 416 945	8 009 460	76.9	21.8	X
	15336	Sanitation chemicals, polishes, and waxes	70	2 540 109	996 710	39.2	2.7	X
	15338	Wood chemicals, naval stores, and gum	23	221 236	130 489	59.0	.4	X
	15341	Nonagricultural insecticides	24	397 951	107 969	27.1	.3	X
	15342	Adhesives, sealants, and glues	32	2 308 598	821 491	35.6	2.2	X
	15343	Explosives	130	1 077 072	960 000	89.1	2.6	X
	15344	Other chemicals and allied products	643	23 842 875	16 579 933	69.5	45.2	X
15400	Refined petroleum products, excluding liquefied petroleum (LP)	29	128 971	4 972	3.9	Z	X	
15420	Liquefied petroleum (LP)	7	10 274	1 370	13.3	Z	X	
16000	Paint, paint supplies, wallpaper, and wallpaper supplies	16	773 642	75 687	9.8	.2	X	
19700	Service receipts and labor charges, including installed parts	77	1 700 906	657 915	38.7	1.8	34.5	
19701	Labor charges for repair work	30	33 060	784	2.4	Z	X	
19702	Parts installed in repair work	24	8 550	283	3.3	Z	X	
19703	Other service receipts and labor charges	47	1 667 846	656 848	39.4	1.8	X	
19810	Miscellaneous commodities	12	597 955	34 590	5.8	.1	X	
19940	Rental and operating lease receipts	42	373 114	37 097	9.9	.1	X	
4247		Petroleum and petroleum products merchant wholesalers	1 006	X	117 814 029	X	100.0	56.0
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	6	55 738	196	.4	Z	X
	11700	Hardware	7	9 131	156	1.7	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	30	184 165	8 007	4.3	Z	X
	14860	Grocery specialties	6	233 849	14 066	6.0	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	179	5 972 424	267 453	4.5	.2	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	926	115 234 921	113 925 919	98.9	96.7	55.6
	15411	Aviation gasoline	32	9 306 406	522 516	5.6	.4	X
	15412	Motor gasoline	613	103 053 762	75 934 875	73.7	64.5	X
	15413	Special naphtha	7	1 779 270	258 696	14.5	.2	X
	15414	Jet fuel, naphtha or kerosene	230	41 464 918	3 447 388	8.3	2.9	X
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	619	97 781 545	22 495 081	23.0	19.1	X
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	249	43 674 632	2 110 369	4.8	1.8	X
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	37	3 184 953	485 423	15.2	.4	X
	15418	Lubricating oil and greases	283	14 289 476	8 671 571	60.7	7.4	X
	15420	Liquefied petroleum (LP)	56	7 211 636	1 504 229	20.9	1.3	X
	15500	Crude oil	12	513 403	485 676	94.6	.4	X
	15520	Other petroleum products, including asphalt, road oil, and wax	78	8 307 284	1 113 817	13.4	.9	X
	15800	Farm supplies	13	84 401	16 585	19.7	Z	33.7
	15816	Other agricultural chemicals and fertilizers	10	41 196	7 587	18.4	Z	X
	19700	Service receipts and labor charges, including installed parts	38	626 524	39 607	6.3	Z	X
	19810	Miscellaneous commodities	209	21 058 569	356 615	1.7	.3	X
	19840	Pipeline transportation receipts	12	552 958	7 071	1.3	Z	X
	19940	Rental and operating lease receipts	112	19 119 170	64 855	.3	.1	X

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)	
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—			
						Estab- lishments with the product line	All estab- lishments ²		
42471		MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.							
		Petroleum bulk stations and terminals	822	X	102 574 978	X	100.0	57.1	
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	6	55 738	196	.4	Z	X	
	12320	General-purpose industrial machinery, equipment, and parts	28	176 850	8 007	4.5	Z	X	
	14860	Grocery specialties	6	233 849	14 066	6.0	Z	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	112	911 230	24 388	2.7	Z	X	
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	802	101 992 490	101 588 109	99.6	99.0	56.7	
	15411	Aviation gasoline	26	5 452 594	520 912	9.6	.5	X	
	15412	Motor gasoline	583	94 013 022	70 089 409	74.6	68.3	X	
	15414	Jet fuel, naphtha or kerosene	209	33 391 273	3 136 596	9.4	3.1	X	
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	583	88 348 167	20 297 695	23.0	19.8	X	
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	240	39 884 648	2 064 225	5.2	2.0	X	
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	26	816 147	186 722	22.9	.2	X	
	15418	Lubricating oil and greases	195	6 811 872	5 279 502	77.5	5.1	X	
	15420	Liquefied petroleum (LP)	45	461 194	245 013	53.1	.2	X	
	15500	Crude oil	7	427 302	408 108	95.5	.4	X	
	15520	Other petroleum products, including asphalt, road oil, and wax	20	2 059 121	49 511	2.4	Z	X	
	15800	Farm supplies	11	45 846	11 251	24.5	Z	57.1	
	15816	Other agricultural chemicals and fertilizers	10	41 196	7 587	18.4	Z	X	
	19700	Service receipts and labor charges, including installed parts	36	525 641	39 455	7.5	Z	X	
	19810	Miscellaneous commodities	190	17 255 207	105 015	.6	.1	X	
	19840	Pipeline transportation receipts	10	545 491	7 071	1.3	Z	X	
	19940	Rental and operating lease receipts	112	19 119 170	64 855	.3	.1	X	
424710		Petroleum bulk stations and terminals	822	X	102 574 978	X	100.0	57.1	
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	6	55 738	196	.4	Z	X	
	12320	General-purpose industrial machinery, equipment, and parts	28	176 850	8 007	4.5	Z	X	
	14860	Grocery specialties	6	233 849	14 066	6.0	Z	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	112	911 230	24 388	2.7	Z	X	
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	802	101 992 490	101 588 109	99.6	99.0	56.7	
	15411	Aviation gasoline	26	5 452 594	520 912	9.6	.5	X	
	15412	Motor gasoline	583	94 013 022	70 089 409	74.6	68.3	X	
	15414	Jet fuel, naphtha or kerosene	209	33 391 273	3 136 596	9.4	3.1	X	
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	583	88 348 167	20 297 695	23.0	19.8	X	
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	240	39 884 648	2 064 225	5.2	2.0	X	
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	26	816 147	186 722	22.9	.2	X	
	15418	Lubricating oil and greases	195	6 811 872	5 279 502	77.5	5.1	X	
	15420	Liquefied petroleum (LP)	45	461 194	245 013	53.1	.2	X	
	15500	Crude oil	7	427 302	408 108	95.5	.4	X	
	15520	Other petroleum products, including asphalt, road oil, and wax	20	2 059 121	49 511	2.4	Z	X	
	15800	Farm supplies	11	45 846	11 251	24.5	Z	57.1	
	15816	Other agricultural chemicals and fertilizers	10	41 196	7 587	18.4	Z	X	
	19700	Service receipts and labor charges, including installed parts	36	525 641	39 455	7.5	Z	X	
	19810	Miscellaneous commodities	190	17 255 207	105 015	.6	.1	X	
	19840	Pipeline transportation receipts	10	545 491	7 071	1.3	Z	X	
	19940	Rental and operating lease receipts	112	19 119 170	64 855	.3	.1	X	
	42472		Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	184	X	15 239 051	X	100.0	49.1
15330		Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	67	5 061 194	243 065	4.8	1.6	X	
15400		Refined petroleum products, excluding liquefied petroleum (LP)	124	13 242 431	12 337 810	93.2	81.0	48.2	
15411		Aviation gasoline	6	3 853 812	1 604	Z	Z	X	
15412		Motor gasoline	30	9 040 740	5 845 466	64.7	38.4	X	
15413		Special naphtha	6	1 737 010	245 648	14.1	1.6	X	
15414		Jet fuel, naphtha or kerosene	21	8 073 645	310 792	3.8	2.0	X	
15415		No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	36	9 433 378	2 197 386	23.3	14.4	X	
15416		All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	9	3 789 984	46 144	1.2	.3	X	
15417		Residual fuel oil, including no. 5 and no. 6 heavy diesel	11	2 368 806	298 701	12.6	2.0	X	
15418		Lubricating oil and greases	88	7 477 604	3 392 069	45.4	22.3	X	
15420		Liquefied petroleum (LP)	11	6 750 442	1 259 216	18.7	8.3	X	
15520		Other petroleum products, including asphalt, road oil, and wax	58	6 248 163	1 064 306	17.0	7.0	X	
19810		Miscellaneous commodities	19	3 803 362	251 600	6.6	1.7	X	
424720			Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	184	X	15 239 051	X	100.0	49.1
		15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	67	5 061 194	243 065	4.8	1.6	X
		15400	Refined petroleum products, excluding liquefied petroleum (LP)	124	13 242 431	12 337 810	93.2	81.0	48.2
	15411	Aviation gasoline	6	3 853 812	1 604	Z	Z	X	
	15412	Motor gasoline	30	9 040 740	5 845 466	64.7	38.4	X	
	15413	Special naphtha	6	1 737 010	245 648	14.1	1.6	X	
	15414	Jet fuel, naphtha or kerosene	21	8 073 645	310 792	3.8	2.0	X	
	15415	No. 2 distillate fuel oil, including no. 2 diesel and no. 2 heating oil	36	9 433 378	2 197 386	23.3	14.4	X	
	15416	All other distillate fuel oil, including no. 1 and no. 4 diesel and heating oil	9	3 789 984	46 144	1.2	.3	X	
	15417	Residual fuel oil, including no. 5 and no. 6 heavy diesel	11	2 368 806	298 701	12.6	2.0	X	
	15418	Lubricating oil and greases	88	7 477 604	3 392 069	45.4	22.3	X	
	15420	Liquefied petroleum (LP)	11	6 750 442	1 259 216	18.7	8.3	X	
	15520	Other petroleum products, including asphalt, road oil, and wax	58	6 248 163	1 064 306	17.0	7.0	X	

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
424720		MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)—Con.						
	19810	Miscellaneous commodities	19	3 803 362	251 600	6.6	1.7	X

¹For the 2002 Economic Census, the definition of Merchant Wholesalers and the kind-of-business and type-of-operation structures for the Wholesale Trade sector changed to reflect revisions to the 1997 North American Industry Classification System (NAICS). For more details, see Comparability of the 1997 and 2002 Economic Censuses.

²Product line sales and/or product line percents may not sum to totals due to exclusion of selected lines to avoid disclosing data for individual companies, due to rounding, and/or due to exclusion of lines that did not meet publication criteria.

³Sales of establishments reporting product line sales as percent of total sales.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 4. Concentration by Largest Firms for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	Largest firms based on sales by type of operation and kind of business ¹	Establishments (number)	Sales		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
	WHOLESALE TRADE						
4246	Chemical and allied products merchant wholesalers						
	All firms	14 550	115 886 220	100.0	7 472 875	1 844 530	144 391
	4 largest firms	445	21 063 470	18.2	672 501	190 073	8 321
	8 largest firms	1 436	30 164 099	26.0	1 299 551	336 327	18 462
	20 largest firms	2 096	44 856 276	38.7	1 786 173	457 907	26 921
	50 largest firms	2 678	62 754 378	54.2	2 493 714	643 286	38 890
42461	Plastics materials and basic forms and shapes merchant wholesalers						
	All firms	3 433	27 821 516	100.0	1 642 864	393 256	35 904
	4 largest firms	50	6 698 238	24.1	150 875	39 883	2 734
	8 largest firms	110	9 188 328	33.0	203 489	53 148	3 794
	20 largest firms	163	12 800 322	46.0	293 788	76 151	4 804
	50 largest firms	378	16 310 219	58.6	463 104	117 545	7 817
424610	Plastics materials and basic forms and shapes merchant wholesalers						
	All firms	3 433	27 821 516	100.0	1 642 864	393 256	35 904
	4 largest firms	50	6 698 238	24.1	150 875	39 883	2 734
	8 largest firms	110	9 188 328	33.0	203 489	53 148	3 794
	20 largest firms	163	12 800 322	46.0	293 788	76 151	4 804
	50 largest firms	378	16 310 219	58.6	463 104	117 545	7 817
42469	Other chemical and allied products merchant wholesalers						
	All firms	11 117	88 064 704	100.0	5 830 011	1 451 274	108 487
	4 largest firms	278	18 844 020	21.4	789 341	209 877	9 036
	8 largest firms	1 282	26 523 901	30.1	1 147 277	303 758	16 202
	20 largest firms	1 998	39 393 520	44.7	1 706 411	447 311	25 664
	50 largest firms	2 664	54 139 708	61.5	2 310 033	595 022	36 018
424690	Other chemical and allied products merchant wholesalers						
	All firms	11 117	88 064 704	100.0	5 830 011	1 451 274	108 487
	4 largest firms	278	18 844 020	21.4	789 341	209 877	9 036
	8 largest firms	1 282	26 523 901	30.1	1 147 277	303 758	16 202
	20 largest firms	1 998	39 393 520	44.7	1 706 411	447 311	25 664
	50 largest firms	2 664	54 139 708	61.5	2 310 033	595 022	36 018
4247	Petroleum and petroleum products merchant wholesalers						
	All firms	7 961	326 016 021	100.0	4 438 325	1 128 968	107 026
	4 largest firms	327	80 806 934	24.8	358 456	99 482	6 681
	8 largest firms	539	128 099 827	39.3	604 581	189 069	9 453
	20 largest firms	971	199 813 453	61.3	1 240 825	364 380	17 840
	50 largest firms	1 134	240 504 306	73.8	1 466 516	424 079	21 106
42471	Petroleum bulk stations and terminals						
	All firms	4 776	201 835 974	100.0	2 956 900	729 449	72 919
	4 largest firms	309	60 888 783	30.2	329 179	83 758	5 614
	8 largest firms	400	89 753 421	44.5	487 984	119 882	7 657
	20 largest firms	704	131 945 919	65.4	803 605	217 644	12 044
	50 largest firms	782	153 246 077	75.9	1 078 024	280 115	16 676
424710	Petroleum bulk stations and terminals						
	All firms	4 776	201 835 974	100.0	2 956 900	729 449	72 919
	4 largest firms	309	60 888 783	30.2	329 179	83 758	5 614
	8 largest firms	400	89 753 421	44.5	487 984	119 882	7 657
	20 largest firms	704	131 945 919	65.4	803 605	217 644	12 044
	50 largest firms	782	153 246 077	75.9	1 078 024	280 115	16 676
42472	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)						
	All firms	3 185	124 180 047	100.0	1 481 425	399 519	34 107
	4 largest firms	71	53 557 026	43.1	166 512	74 706	1 324
	8 largest firms	170	72 789 570	58.6	389 699	132 684	4 019
	20 largest firms	258	90 503 818	72.9	494 117	161 580	6 193
	50 largest firms	414	101 271 107	81.6	635 888	198 089	9 239
424720	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)						
	All firms	3 185	124 180 047	100.0	1 481 425	399 519	34 107
	4 largest firms	71	53 557 026	43.1	166 512	74 706	1 324
	8 largest firms	170	72 789 570	58.6	389 699	132 684	4 019
	20 largest firms	258	90 503 818	72.9	494 117	161 580	6 193
	50 largest firms	414	101 271 107	81.6	635 888	198 089	9 239
	MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES						
4246	Chemical and allied products merchant wholesalers						
	All firms	13 119	67 283 469	100.0	5 457 131	1 302 867	113 473
	4 largest firms	341	10 357 774	15.4	375 410	92 242	7 173
	8 largest firms	1 238	14 183 059	21.1	584 086	146 976	11 341
	20 largest firms	1 700	20 842 516	31.0	918 275	229 853	16 577
	50 largest firms	2 047	28 059 363	41.7	1 273 916	315 455	22 526

See footnotes at end of table.

Table 4. Concentration by Largest Firms for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	Largest firms based on sales by type of operation and kind of business ¹	Establishments (number)	Sales		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
	MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES —Con.						
42461	Plastics materials and basic forms and shapes merchant wholesalers						
	All firms	3 241	15 883 080	100.0	1 346 008	317 294	30 393
	4 largest firms	49	1 650 579	10.4	65 361	16 268	1 346
	8 largest firms	70	2 586 705	16.3	98 255	24 299	1 695
	20 largest firms	142	4 214 300	26.5	162 792	39 906	2 587
	50 largest firms	309	6 214 724	39.1	326 668	80 219	6 284
424610	Plastics materials and basic forms and shapes merchant wholesalers						
	All firms	3 241	15 883 080	100.0	1 346 008	317 294	30 393
	4 largest firms	49	1 650 579	10.4	65 361	16 268	1 346
	8 largest firms	70	2 586 705	16.3	98 255	24 299	1 695
	20 largest firms	142	4 214 300	26.5	162 792	39 906	2 587
	50 largest firms	309	6 214 724	39.1	326 668	80 219	6 284
42469	Other chemical and allied products merchant wholesalers						
	All firms	9 878	51 400 389	100.0	4 111 123	985 573	83 080
	4 largest firms	327	10 221 364	19.9	369 929	90 954	7 094
	8 largest firms	1 224	14 046 649	27.3	578 605	145 688	11 262
	20 largest firms	1 567	19 999 201	38.9	841 579	218 541	15 658
	50 largest firms	1 931	26 084 516	50.7	1 218 507	299 891	21 271
424690	Other chemical and allied products merchant wholesalers						
	All firms	9 878	51 400 389	100.0	4 111 123	985 573	83 080
	4 largest firms	327	10 221 364	19.9	369 929	90 954	7 094
	8 largest firms	1 224	14 046 649	27.3	578 605	145 688	11 262
	20 largest firms	1 567	19 999 201	38.9	841 579	218 541	15 658
	50 largest firms	1 931	26 084 516	50.7	1 218 507	299 891	21 271
4247	Petroleum and petroleum products merchant wholesalers						
	All firms	6 955	208 201 992	100.0	3 621 274	918 992	93 287
	4 largest firms	67	53 567 713	25.7	152 711	71 360	1 225
	8 largest firms	85	79 660 008	38.3	255 025	116 292	1 921
	20 largest firms	154	109 908 798	52.8	579 506	196 583	5 870
	50 largest firms	272	132 829 529	63.8	791 343	251 676	9 874
42471	Petroleum bulk stations and terminals						
	All firms	3 954	99 260 996	100.0	2 266 452	556 545	61 210
	4 largest firms	21	23 771 717	23.9	161 200	61 743	1 911
	8 largest firms	26	33 920 294	34.2	193 136	67 351	2 084
	20 largest firms	55	46 409 624	46.8	288 381	91 704	3 139
	50 largest firms	123	57 429 000	57.9	529 592	144 543	8 082
424710	Petroleum bulk stations and terminals						
	All firms	3 954	99 260 996	100.0	2 266 452	556 545	61 210
	4 largest firms	21	23 771 717	23.9	161 200	61 743	1 911
	8 largest firms	26	33 920 294	34.2	193 136	67 351	2 084
	20 largest firms	55	46 409 624	46.8	288 381	91 704	3 139
	50 largest firms	123	57 429 000	57.9	529 592	144 543	8 082
42472	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)						
	All firms	3 001	108 940 996	100.0	1 354 822	362 447	32 077
	4 largest firms	65	53 256 700	48.9	164 168	74 000	1 276
	8 largest firms	112	69 263 316	63.6	334 607	116 448	3 115
	20 largest firms	166	80 468 950	73.9	448 335	146 715	5 885
	50 largest firms	250	87 917 741	80.7	550 082	171 012	7 916
424720	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)						
	All firms	3 001	108 940 996	100.0	1 354 822	362 447	32 077
	4 largest firms	65	53 256 700	48.9	164 168	74 000	1 276
	8 largest firms	112	69 263 316	63.6	334 607	116 448	3 115
	20 largest firms	166	80 468 950	73.9	448 335	146 715	5 885
	50 largest firms	250	87 917 741	80.7	550 082	171 012	7 916
	MANUFACTURERS' SALES BRANCHES AND OFFICES						
4246	Chemical and allied products merchant wholesalers						
	All firms	1 431	48 602 751	100.0	2 015 744	541 663	30 918
	4 largest firms	40	17 032 915	35.0	637 575	179 299	7 039
	8 largest firms	289	22 370 948	46.0	747 506	206 071	8 646
	20 largest firms	508	32 501 369	66.9	989 393	268 794	12 750
	50 largest firms	796	43 114 807	88.7	1 572 314	429 753	22 114
42461	Plastics materials and basic forms and shapes merchant wholesalers						
	All firms	192	11 938 436	100.0	296 856	75 962	5 511
	4 largest firms	20	6 412 504	53.7	103 798	27 970	1 727
	8 largest firms	59	8 534 711	71.5	150 351	40 600	2 597
	20 largest firms	84	10 839 724	90.8	205 995	54 179	3 272
	50 largest firms	158	11 827 352	99.1	282 603	72 612	5 165

See footnotes at end of table.

Table 4. Concentration by Largest Firms for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	Largest firms based on sales by type of operation and kind of business ¹	Establishments (number)	Sales		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
	MANUFACTURERS' SALES BRANCHES AND OFFICES —Con.						
424610	Plastics materials and basic forms and shapes merchant wholesalers						
	All firms	192	11 938 436	100.0	296 856	75 962	5 511
	4 largest firms	20	6 412 504	53.7	103 798	27 970	1 727
	8 largest firms	59	8 534 711	71.5	150 351	40 600	2 597
	20 largest firms	84	10 839 724	90.8	205 995	54 179	3 272
	50 largest firms	158	11 827 352	99.1	282 603	72 612	5 165
42469	Other chemical and allied products merchant wholesalers						
	All firms	1 239	36 664 315	100.0	1 718 888	465 701	25 407
	4 largest firms	26	13 912 589	37.9	575 317	160 871	5 855
	8 largest firms	300	18 138 835	49.5	717 446	200 314	8 355
	20 largest firms	453	26 986 653	73.6	920 215	252 616	11 339
	50 largest firms	966	34 076 662	92.9	1 456 478	395 931	20 717
424690	Other chemical and allied products merchant wholesalers						
	All firms	1 239	36 664 315	100.0	1 718 888	465 701	25 407
	4 largest firms	26	13 912 589	37.9	575 317	160 871	5 855
	8 largest firms	300	18 138 835	49.5	717 446	200 314	8 355
	20 largest firms	453	26 986 653	73.6	920 215	252 616	11 339
	50 largest firms	966	34 076 662	92.9	1 456 478	395 931	20 717
4247	Petroleum and petroleum products merchant wholesalers						
	All firms	1 006	117 814 029	100.0	817 051	209 976	13 739
	4 largest firms	359	67 378 030	57.2	373 697	97 333	6 339
	8 largest firms	508	93 316 388	79.2	541 824	135 740	8 670
	20 largest firms	839	114 452 551	97.1	712 835	181 311	11 613
	50 largest firms	980	117 732 745	99.9	811 865	208 714	13 620
42471	Petroleum bulk stations and terminals						
	All firms	822	102 574 978	100.0	690 448	172 904	11 709
	4 largest firms	309	60 888 783	59.4	329 179	83 758	5 614
	8 largest firms	449	86 019 675	83.9	488 639	120 047	7 803
	20 largest firms	718	101 321 076	98.8	634 689	156 282	10 443
	50 largest firms	822	102 574 978	100.0	690 448	172 904	11 709
424710	Petroleum bulk stations and terminals						
	All firms	822	102 574 978	100.0	690 448	172 904	11 709
	4 largest firms	309	60 888 783	59.4	329 179	83 758	5 614
	8 largest firms	449	86 019 675	83.9	488 639	120 047	7 803
	20 largest firms	718	101 321 076	98.8	634 689	156 282	10 443
	50 largest firms	822	102 574 978	100.0	690 448	172 904	11 709
42472	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)						
	All firms	184	15 239 051	100.0	126 603	37 072	2 030
	4 largest firms	19	9 916 562	65.1	45 606	17 069	652
	8 largest firms	93	13 015 729	85.4	77 738	24 900	1 154
	20 largest firms	130	14 758 648	96.8	100 946	30 377	1 517
	50 largest firms	184	15 239 051	100.0	126 603	37 072	2 030
424720	Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)						
	All firms	184	15 239 051	100.0	126 603	37 072	2 030
	4 largest firms	19	9 916 562	65.1	45 606	17 069	652
	8 largest firms	93	13 015 729	85.4	77 738	24 900	1 154
	20 largest firms	130	14 758 648	96.8	100 946	30 377	1 517
	50 largest firms	184	15 239 051	100.0	126 603	37 072	2 030

¹For the 2002 Economic Census, the definition of Merchant Wholesalers and the kind-of-business and type-of-operation structures for the Wholesale Trade sector changed to reflect revisions to the 1997 North American Industry Classification System (NAICS). For more details, see Comparability of the 1997 and 2002 Economic Censuses.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Appendix A.

Explanation of Terms

ANNUAL PAYROLL

Payroll includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, bonuses, vacation allowances, sick-leave pay, and employee contributions to qualified pension plans paid during the year to all employees and reported on Internal Revenue Service (IRS) Form 941 as taxable Medicare Wages and tips (even if not subject to income or FICA tax). Includes tips and gratuities received by employees from patrons and reported to employers. Excludes payrolls of departments or concessions operated by other companies at the establishment. For corporations, payroll includes amounts paid to officers and executives; for unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the IRS on Form 941.

ESTABLISHMENTS

An establishment is a single physical location at which business is conducted. It is not necessarily identical with a company or enterprise, which may consist of one establishment or more. Wholesale trade figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other federal agencies were used instead of a census report, no information was available on the number of locations operated. Each wholesale trade establishment was tabulated according to the physical location at which the business was conducted. The count of establishments represents those in business at any time during 2002.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted at a single location under a single ownership, separate establishment reports for each of the different activities were obtained in the census.

FIRMS

A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. All establishments of subsidiary firms are included as part of the owning or controlling firm. For the economic census, the terms "firm" and "company" are synonymous.

FIRST-QUARTER PAYROLL

Represents payroll paid to persons employed at any time during the quarter January to March 2002.

PAID EMPLOYEES FOR PAY PERIOD INCLUDING MARCH 12

Paid employees consist of full- and part-time employees, including salaried officers and executives of corporations, who were on the payroll during the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses; full- and part-time leased employees whose payroll was

filed under an employee leasing company's Employer Identification Number (EIN); and temporary staffing obtained from a staffing service. The definition of paid employees is the same as that used by the Internal Revenue Service (IRS) on Form 941.

SALES

Includes merchandise sold for cash or credit by establishments primarily engaged in wholesale trade; receipts from rental of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; gasoline, liquor, tobacco, and other excise taxes that are paid by the manufacturer and passed on to the wholesaler; and shipping and handling receipts.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Trade-in allowances are not deducted from sales. Sales do not include carrying or other credit charges; sales and other taxes (including Hawaii's General Excise Tax) collected from customers and forwarded to taxing authorities; and nonoperating income from such sources as investments, rental or sales of real estate, and interest.

Sales do not include wholesale sales made by manufacturers, retailers, service establishments, or other businesses whose primary activity is other than wholesale trade. They do include receipts other than from the sale of merchandise at wholesale, e.g., service receipts, retail sales, etc., by establishments primarily engaged in wholesale trade.

TYPES OF OPERATION

In addition to being classified by kind of business, merchant wholesale establishments are also classified by type of operation according to the ownership of the business and character of the transactions. Merchant wholesale establishments are grouped into the following two major types of operation and related subgroups:

Merchant wholesalers, except manufacturers' sales branches and offices. Establishments primarily engaged in buying and selling merchandise on their own account. Included here are such types of establishments as wholesale distributors and jobbers, importers, exporters, own-brand importers/marketers, terminal and country grain elevators, and farm products assemblers.

Wholesale distributors and jobbers. Establishments primarily engaged in buying and selling merchandise in the domestic market not manufactured by the parent company.

Importers. Establishments buying and selling goods at wholesale on their own account, whose principal source of purchases was foreign.

Exporters. Establishments primarily engaged in purchasing goods in the United States and selling them to foreign customers.

Own-brand importers/marketers. Companies or establishments that deal primarily or exclusively in the parent company's own branded products manufactured outside the United States. The products are either imported into the United States and then sold or they are sold and then drop-shipped directly from a foreign location to the United States customer.

Terminal grain elevators. Grain elevators primarily engaged in buying and selling grain received from country grain elevators and grain marketing establishments. They have sizable space for grain storage, and products are received primarily by rail or barge rather than by truck.

Country grain elevators. Grain elevators, cooperative or other, buying and receiving grain directly from farmers by truck and selling at wholesale.

Assemblers of farm products, except country grain elevators. Establishments primarily engaged in purchasing directly from farmers and assembling and marketing farm products at wholesale.

Manufacturers' sales branches and offices. Establishments primarily maintained by manufacturing, refining, and mining companies apart from their plants or mines for marketing their products at wholesale. Sales branches and offices located at plants or administrative offices are classified as manufacturers' sales branches or offices, if separate records are available.

Manufacturers' sales branches. Branches with a stock of merchandise for sale. Included are refiner marketers owned and operated by petroleum refining companies primarily for marketing their products.

Manufacturers' sales offices. Offices without a stock of merchandise for sale.

Appendix B.

NAICS Codes, Titles, and Descriptions

PART 1. 2002 NAICS

4246 CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS

This industry group comprises establishments primarily engaged in the merchant wholesale distribution of chemicals; plastics materials and basic forms and shapes; and allied products.

42461 PLASTICS MATERIALS AND BASIC FORMS AND SHAPES MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of plastics materials and resins, and unsupported plastics film, sheet, sheeting, rod, tube, and other basic forms and shapes.

424610 PLASTICS MATERIALS AND BASIC FORMS AND SHAPES MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of plastics materials and resins, and unsupported plastics film, sheet, sheeting, rod, tube, and other basic forms and shapes.

42469 OTHER CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of chemicals and allied products (except agricultural and medicinal chemicals, paints and varnishes, fireworks, and plastics materials and basic forms and shapes).

424690 OTHER CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of chemicals and allied products (except agricultural and medicinal chemicals, paints and varnishes, fireworks, and plastics materials and basic forms and shapes).

4247 PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS

This NAICS Industry Group includes establishments classified in the following NAICS Industries: 42471, Petroleum Bulk Stations and Terminals; and 42472, Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals).

42471 PETROLEUM BULK STATIONS AND TERMINALS

This industry comprises establishments with bulk liquid storage facilities primarily engaged in the merchant wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas.

424710 PETROLEUM BULK STATIONS AND TERMINALS

This industry comprises establishments with bulk liquid storage facilities primarily engaged in the merchant wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas.

42472 PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

This industry comprises establishments primarily engaged in the merchant wholesale distribution of petroleum and petroleum products (except from bulk liquid storage facilities).

424720 PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

This industry comprises establishments primarily engaged in the merchant wholesale distribution of petroleum and petroleum products (except from bulk liquid storage facilities).

PART 2. 1997 NAICS

4226 CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

This industry group comprises establishments primarily engaged in wholesaling chemicals; plastics materials and basic forms and shapes; and allied products.

42261 PLASTICS MATERIALS AND BASIC FORMS AND SHAPES WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling plastics materials and resins, and unsupported plastics film, sheet, sheeting, rod, tube, and other basic forms and shapes.

422610 PLASTICS MATERIALS AND BASIC FORMS AND SHAPES WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling plastics materials and resins, and unsupported plastics film, sheet, sheeting, rod, tube, and other basic forms and shapes.

42269 OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling chemicals and allied products (except agricultural and medicinal chemicals, paints and varnishes, fireworks, and plastics materials and basic forms and shapes).

422690 OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling chemicals and allied products (except agricultural and medicinal chemicals, paints and varnishes, fireworks, and plastics materials and basic forms and shapes).

4227 PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS

This NAICS Industry Group includes establishments classified in the following NAICS Industries: 42271, Petroleum Bulk Stations and Terminals; and 42272, Petroleum and Petroleum Products Wholesalers (except Bulk Stations and Terminals).

42271 PETROLEUM BULK STATIONS AND TERMINALS

This industry comprises establishments with bulk liquid storage facilities primarily engaged in wholesaling crude petroleum and petroleum products, including liquefied petroleum gas.

422710 PETROLEUM BULK STATIONS AND TERMINALS

This industry comprises establishments with bulk liquid storage facilities primarily engaged in wholesaling crude petroleum and petroleum products, including liquefied petroleum gas.

42272 PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

This industry comprises establishments primarily engaged in wholesaling petroleum and petroleum products (except from bulk liquid storage facilities).

422720 PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

This industry comprises establishments primarily engaged in wholesaling petroleum and petroleum products (except from bulk liquid storage facilities).

Appendix C.

Methodology

SOURCES OF THE DATA

For this sector, essentially all firms were sent report forms to be completed for each of their establishments and returned to the Census Bureau. For some very small firms, data from existing administrative records of other federal agencies were used instead. These records provide basic information on location, kind of business, sales, payroll, number of employees, and legal form of organization.

Firms in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:
 - a. Large employers, i.e., all multiestablishment firms, and all employer firms with payroll above a specified cutoff. (The term "employers" refers to firms with one or more paid employees at any time during 2002 as shown in the active administrative records of other federal agencies.)
 - b. A sample of small employers, i.e., single-establishment firms with payroll below a specified cutoff in classifications for which specialized data precludes reliance solely on administrative records sources. The sample was stratified by industry and geography.
2. Establishments not sent a report form:
 - a. Small employers, i.e., single-establishment firms with payroll below a specified cutoff, not selected into the small employer sample. Although the payroll cutoff varies by kind of business, small employers not sent a report form generally include firms with less than 10 employees and represent about 10 percent of total sales of establishments covered in the census. Data on sales, payroll, and employment for these small employers were derived or estimated from administrative records of other federal agencies.
 - b. All nonemployers, i.e., all firms subject to federal income tax with no paid employees during 2002. Sales or receipts information for these firms was obtained from administrative records of other federal agencies. Although consisting of many firms, nonemployers account for less than 10 percent of total sales or receipts of all establishments covered in the census. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments are based on the *North American Industry Classification System, United States, 2002* manual. Changes between 1997 and 2002 affecting this sector are discussed in the text at the beginning of this report. Tables at www.census.gov/epcd/naics02/ identify those industries that changed between the 1997 North American Industry Classification System (NAICS) and 2002 NAICS.

The method of assigning classifications and the level of detail at which establishments were classified depends on whether a report form was obtained for the establishment.

1. Establishments that returned a report form were classified on the basis of their self-designation, sales of product lines, and responses to other industry-specific inquiries.
2. Establishments without a report form:
 - a. Small employers not sent a form were, where possible, classified on the basis of the most current kind-of-business classification available from one of the Census Bureau's current sample surveys or the 1997 Economic Census. Otherwise, the classification was obtained from administrative records of other federal agencies. If the census or administrative record classifications proved inadequate (none corresponded to a 2002 Economic Census classification in the detail required for employers), the firm was sent a brief inquiry requesting information necessary to assign a kind-of-business code.
 - b. Nonemployers were classified on the basis of information obtained from administrative records of other federal agencies.

RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census:

- inability to identify all cases in the actual universe;
- definition and classification difficulties;
- differences in the interpretation of questions;
- errors in recording or coding the data obtained; and
- other errors of collection, response, coverage, processing, and estimation for missing or misreported data.

Data presented in the Miscellaneous Subjects and the Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors. Specifically, these data are estimated based on information obtained from census report forms mailed to all large employers and to a sample of small employers in the universe. Sampling errors affect these estimates, insofar, as they may differ from results that would be obtained from a complete enumeration.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

The Census Bureau obtains limited information extracted from administrative records of other federal agencies, such as gross receipts from federal income tax records and employment and payroll from payroll tax records. This information is used in conjunction with other information available to the Census Bureau to develop estimates for nonemployers, small employers, and other establishments for which responses were not received in time for publication.

Key tables in this report include a column for "Percent of sales from administrative records." This includes sales information obtained from administrative records of other federal agencies. The "Percent of sales estimated" includes sales information that was imputed based on historic company ratios or administrative records, or on industry averages.

The Census Bureau recommends that data users incorporate this information into their analyses, as nonsampling error and sampling error could impact the conclusions drawn from economic census data.

TREATMENT OF NONRESPONSE

Census report forms included two different types of inquiries, “basic” and “industry-specific.” Data for the basic inquiries, which include location, kind of business or operation, sales, payroll, and number of employees, were available from a combination of sources for all establishments. Data for industry-specific inquiries, tailored to the particular kinds of business or operation covered by the report, were available only from those establishments sent a report form that completed the appropriate inquiries.

Data for industry-specific inquiries in this sector were expanded in most cases to account for establishments that did not respond to the particular inquiry for which data are presented. Unless otherwise noted in specific reports, data for industry-specific inquiries were expanded in direct relationship to total sales of all establishments included in the category. In a few cases, expansion on the basis of the sales item was not appropriate, and another basic data item was used as the basis for expansion of reported data to account for nonrespondents.

All reports in which industry-specific data were expanded include a coverage indicator for each publication category, which shows the sales of establishments responding to the industry-specific inquiry as a percent of total sales for all establishments for which data are shown. For some inquiries, coverage is determined by the ratio of total payroll or employment of establishments responding to the inquiry to total payroll or employment of all establishments in the category.

CONCENTRATION CATEGORIES

Concentration categories are based on aggregate sales of all establishments operated by the same firm in a given kind-of-business classification or group for which data are presented. For example, a firm operating three wholesale establishments – a hardware merchant wholesaler (NAICS 42371), a plumbing equipment merchant wholesaler (NAICS 42372), and an electrical appliance merchant wholesaler (NAICS 42362) – would be treated as three one-establishment firms at the most detailed NAICS level, as a two-establishment firm in NAICS 4237 and a one-establishment firm in NAICS 4236, and as a single three-establishment firm in wholesale trade totals.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

Appendix D. Geographic Notes

Not applicable for this report.

Appendix E. Metropolitan and Micropolitan Statistical Areas

Not applicable for this report.

